

Practical Business Math Procedures, 13e (Slater)

Chapter 1 Whole Numbers: How to Dissect and Solve Word Problems

1) The Blueprint Aid for dissecting and solving a word problem serves to decrease math anxiety.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (3) Use blueprint aid for dissecting and solving a word problem.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

2) Commas separate every three digits from right to left.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

3) Place value of the hundreds position is to the right of the tens position.

Answer: FALSE

Explanation: Place value of the hundreds position is to the left of the tens position.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

4) 4,986 in verbal form is written as four thousand, nine hundred eighty-six.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

5) Rounding approximates actual answers.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

6) Rounding all the way means there are two nonzero digits left.

Answer: FALSE

Explanation: Rounding all the way means there is one nonzero digit left.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

7) The first step in rounding is to identify the place value of the digit to be rounded.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

8) Rounding up occurs if the digit to the right of the identified digit is 5 or less.

Answer: FALSE

Explanation: Rounding up occurs if the digit to the right of the identified digit is 5 or more.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

9) 42,515 rounded to the nearest thousand is 43,000.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

10) 1,786 rounded to the nearest ten is 1,780.

Answer: FALSE

Explanation: 1,786 rounded is 1,790

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

11) 258 rounded all the way is 300.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

12) Numbers added together are called sums.

Answer: FALSE

Explanation: Numbers added together are called addends.

Difficulty: 1 Easy

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

13) The total of addends is called the sum.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

14) Adding is always done from bottom to top.

Answer: FALSE

Explanation: Adding is done from right to left.

Difficulty: 1 Easy

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

15) The opposite of addition is subtraction.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

16) In subtraction borrowing occurs from the column on the left.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

17) In subtraction the minuend is the smaller number.

Answer: FALSE

Explanation: In subtraction the minuend is the larger number.

Difficulty: 1 Easy

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

18) 512 minus 285 equals a difference of 227.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 2 Medium

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

19) Multiplication is a shortcut to addition.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

20) The multiplicand times the product equals the multiplier.

Answer: FALSE

Explanation: The multiplier times the multiplicand equals the product.

Difficulty: 1 Easy

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

21) Zeros at the end of the multiplier and/or multiplicand are never attached to the product.

Answer: FALSE

Explanation: Zeros at the end of the multiplier and/or multiplicand are always attached to the product.

Difficulty: 1 Easy

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

22) 55×100 means attaching two zeros to the number being multiplied.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

23) Divisor + quotient + remainder = dividend.

Answer: FALSE

Explanation: $\text{Divisor} \times \text{Quotient} + \text{Remainder} = \text{Dividend}$

Difficulty: 1 Easy

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

24) Division is the reverse of multiplication.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

25) Division asks how many times one number, the divisor, is contained within another number, the dividend.

Answer: TRUE

Explanation: Review your notes on terminology and vocabulary related to this material.

Difficulty: 1 Easy

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

26) The Blueprint Aid involves all of the column headings except which:

- A) The Facts
- B) The known numbers
- C) Solving for ?
- D) Steps to take
- E) Key points

Answer: B

Explanation: The Blueprint Aid contains the columns the facts, solving for ?, steps to take, and key points.

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (3) Use blueprint aid for dissecting and solving a word problem.

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

27) In the number 49,869 there are how many tens?

- A) 9
- B) 6
- C) 8
- D) 4
- E) 69

Answer: B

Explanation: 6 is in the 10s place.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

28) 439,532 written in verbal form is:

- A) four hundred thirty-nine thousand and five hundred thirty-two
- B) four hundred and thirty-nine thousand, five hundred thirty-two
- C) four hundred thirty-nine thousand, five hundred thirty
- D) four and thirty-nine hundred thousand, five hundred thirty-two
- E) None of these

Answer: E

Explanation: Four hundred thirty-nine thousand, five hundred thirty-two.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

29) 37,855 rounded to the nearest thousand is:

- A) 40,000
- B) 30,000
- C) 38,000
- D) 37,000
- E) None of these

Answer: C

Explanation: The 7 is in the thousands place. The number to the right of it is an 8, so round the 7 up to an 8.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

30) 19,890 rounded to the nearest hundred is:

- A) 20,000
- B) 19,000
- C) 19,700
- D) 19,900
- E) None of these

Answer: D

Explanation: The number 8 is in the hundreds place. The number to the right of it is a 9, so round the 8 up to a 9.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

31) Round all-the-way 2,689:

- A) 2,680
- B) 3,680
- C) 3,000
- D) 2,790
- E) None of these

Answer: C

Explanation: The left-most digit is a 2. The number to the right of the 2 is a 6. Round the 2 up to a 3.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

32) Adding $1,690 + 88 + 410 + 30$ results in a sum of:

- A) 2,182
- B) 2,818
- C) 2,218
- D) 2,188
- E) None of these

Answer: C

Explanation: Add vertically by lining up the place values.

Difficulty: 2 Medium

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

33) Subtracting 766 from 941 results in a difference of:

- A) 1,707
- B) 571
- C) 185
- D) 241
- E) 175

Answer: E

Explanation: $941 - 766 = 175$.

Difficulty: 2 Medium

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

34) 88,000 times 300 equals:

- A) 264,000
- B) 26,000
- C) 26,400,000
- D) 26,000,000
- E) None of these

Answer: C

Explanation: $88 \times 3 = 264$. Then add 5 zeros, so 26,400,000.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

35) $97 \times 100,000$ equals:

- A) 9,700
- B) 97,000
- C) 9,700,000
- D) 970,000
- E) None of these

Answer: C

Explanation: $97 \times 1 = 97$. Then add 5 zeros to get 9,700,000.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

36) 98,000 divided by 4,000 equals:

- A) 420
- B) 240
- C) 2 R2
- D) 24 R2,000
- E) None of these

Answer: D

Explanation: $98,000 / 4,000 = 98 / 4 = 24 \text{ R } 2,000$

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

37) Janet Woo received the following grades in an accounting class at McLennan Community College: 65, 80, 70, 100, 75, and 90. The instructor said he would drop the lowest grade. What is Janet's average? (sum/total)

- A) 81
- B) 83
- C) 84
- D) 82
- E) 80

Answer: B

Explanation: $(80 + 70 + 100 + 75 + 90) / 5 = 83$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

38) Lee Co. carpeted its offices, requiring 310 square yards of commercial carpet. The total cost of the carpet at Home Depot was \$10,230. How much did Lee pay per square yard?

- A) \$33
- B) \$34
- C) \$340
- D) \$32
- E) 3

Answer: A

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

39) At Best Buy a flat screen television with a regular price of \$1,790 was reduced by \$395. Assuming 800 customers purchased the television, what were the total sales to Best Buy?

- A) \$1,160
- B) \$116,000
- C) \$1,161,000
- D) \$1,116,000
- E) \$11,160,000

Answer: D

Explanation: $(1,790 - 395) \times 800 = 11,160,000$

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

40) At a General Electric Plant they produced 12,000 jet engines in May. General Electric was able to sell 11,000 of these engines. Calculate the total ending inventory cost assuming each engine cost \$290,000.

- A) \$1,000
- B) \$290,000,000
- C) \$2,900,000
- D) \$920,000,000
- E) \$2,999,000

Answer: B

Explanation: $(12,000 - 11,000) \times 290,000 = 290,000,000$

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

41) True Value Hardware buys 200 snow blowers for \$90 each to stock the store for the winter. If True Value sells the 200 snow blowers at \$120 each, what is the profit? (profit = sales - cost)

- A) \$60,000
- B) \$6,000
- C) \$24,000
- D) \$18,000
- E) None of these

Answer: B

Explanation: $200 \times 120 - 200 \times 90 = \$6,000$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

42) On Tuesday, Pizza Hut sold 60 cheese pizzas at \$8 each; 20 sausage pizzas at \$12 each; 8 specialty pizzas at \$15 each; and 33 pepperoni pizzas at \$10 each. What were the total dollar sales for Pizza Hut on Tuesday?

- A) \$1,170
- B) \$690
- C) \$840
- D) \$930
- E) \$700

Answer: A

Explanation: $60 \times 8 + 20 \times 12 + 8 \times 15 + 33 \times 10 = 480 + 240 + 120 + 330 = \$1,170$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

43) Pete Hax rents a ski house in Vail for \$350 per day for six days. Assuming Pete spends \$3940 for the total trip, how much did Pete spend on expenses other than the ski house?

- A) \$3,400
- B) \$3,500
- C) \$2,200
- D) \$1,800
- E) \$1,840

Answer: E

Explanation: $3,940 - 350 \times 6 = 1,840$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

44) Clare Fran is buying a new Chevy Volt for \$39,000 with an interest charge of \$4800. She sets up a loan, and repays it over 25 equal monthly payments for 25 months. What will be her monthly payment?

- A) \$1,560
- B) \$1,684
- C) \$1,864
- D) \$192
- E) \$1,752

Answer: E

Explanation: $(39,000 + 4,800) / 25 = 1,752$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

45) Eric Rose wants to buy a used Ford Explorer that costs \$26,000 with an interest charge of \$3,000. If there are 50 equal payments required, what will Eric's monthly payment be?

- A) \$580
- B) \$850
- C) \$520
- D) \$250
- E) \$500

Answer: A

Explanation: $(26,000 + 3,000) / 50 = 580$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

46) Ed Sloan bought 6,000 shares of stock in eBay Co. After holding the stock for six months, he sold 500 shares on Monday, 220 shares on Tuesday and again on Thursday, and 900 shares on Friday. If the average share of stock he still has is worth \$35 per share, what is the total value of the stock?

- A) \$35,000
- B) \$145,600
- C) \$180,500
- D) \$210,000
- E) \$64,400

Answer: B

Explanation: $(6,000 - 500 - 220 - 220 - 900) \times 35 = 145,600$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

47) Round 2,689 all the way:

- A) 2,680
- B) 3,680
- C) 3,000
- D) 2,790
- E) 2,000

Answer: C

Explanation: The leftmost digit is a 2. The number to the right of the 2 is a 6, so round the 2 up to a 3.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

48) 47,000 times 400 equals:

- A) 18,800,000
- B) 18,000,000
- C) 18,000,800
- D) 800,000
- E) 188,000

Answer: A

Explanation: Take $47 \times 4 = 188$ and add 5 zeros, so you get 18,800,000.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

49) 708,000 divided by 3,000 equals:

- A) 236
- B) 236 R2
- C) 2360
- D) 23,360
- E) 263

Answer: A

Explanation: $708,000 / 3,000$ is the same as $708 / 3$ which is 236.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

50) Ace Landscape buys 100 shovels for \$15 each. Ace sells all 100 shovels at \$30. What is the profit made by Ace? (profit = sales - cost)

- A) \$1,400
- B) \$3,000
- C) \$1,500
- D) \$1,600
- E) None of these

Answer: C

Explanation: $100 \times 30 - 100 \times 15 = 1,500$.

Difficulty: 2 Medium

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

51) Jeff wants to buy a new Ford Fusion for \$24,200, with shipping costs of \$864 and interest cost of \$1,000. If Jeff pays in 72 equal payments, what will Jeff's monthly payment be?

- A) \$362
- B) \$350
- C) \$250
- D) \$262
- E) None of these

Answer: A

Explanation: $(24,200 + 864 + 1,000) / 72 = 362$.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

Match the following terms with their definitions.

- A) The total of the adding process.
- B) Minuend less subtrahend.
- C) Top number in multiplication problem.
- D) Amount left over in the division process.
- E) The answer to a multiplication problem.
- F) Smaller number being subtracted from a large number.
- G) Number in the division process that is dividing into another number.
- H) Bottom number in a multiplication problem.
- I) Numbers combined in adding process.
- J) Doesn't contain a decimal or fraction.
- K) Number in the division process that is being divided by another.
- L) Larger number from which another is subtracted.
- M) The answer to a division problem.

52) Minuend

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

53) Sum

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

54) Addend

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

55) Subtrahend

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

56) Dividend

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

57) Multiplier

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

58) Difference

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

59) Whole number

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

60) Remainder

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

61) Product

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

62) Divisor

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

63) Quotient

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

64) Multiplicand

Difficulty: 1 Easy

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations..

Bloom's: Remember

Type: Static

Accessibility: Keyboard Navigation

Answers: 52) L 53) A 54) I 55) F 56) K 57) H 58) B 59) J 60) D 61) E 62) G 63) M 64) C

65) Express this verbal form in number form: Twelve thousand, nine hundred fifty-three

Answer: 12,953

Express each digit in the number separately with its correct place value

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

66) Round to nearest position as indicated: Nearest Ten: 74

Answer: 70

74 is closer to 70 than to 80

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

67) Round to nearest position as indicated: Nearest Hundred: 792

Answer: 800

792 is closer to 800 than to 700

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

68) Round to nearest position as indicated: Nearest Thousand: 9,314

Answer: 9,000

9,314 is closer to 9,000 than to 10,000

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

69) Estimate by rounding all the way (do not round final answer):

$$\begin{array}{r} 5,817 \\ + 7,500 \\ \hline \end{array}$$

Answer: 14,000

Rounding all the way means to round to the largest place value shown, so 5,817 turns into 6,000 and 7,500 turns into 8000. Then add together.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

70) Estimate by rounding all the way (do not round final answer):

$$\begin{array}{r} 8,499 \\ + 7,994 \\ \hline \end{array}$$

Answer: 16,000

Rounding all the way means to round to the largest place value shown, so 8,499 estimates to 8,000 and 7,994 estimates to 8,000.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

71) Fill in missing number: $3,910 - \underline{\hspace{2cm}} = 79$

Answer: 3,831

Subtract the shown difference, 79, from the minuend, 3,910

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

72) Fill in missing number: $2,188 - \underline{\hspace{2cm}} = 750$

Answer: 1,438

2,188 - 750 equals 1,438

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

73) Multiply by shortcut method:

$$130 \times 1,000$$

Answer: 130,000

1 times 13 is 13, then attach the four zeros at the end

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

74) Multiply by shortcut method:

$$6,150 \times 10,000$$

Answer: 61,500,000

Attach five zeros to 615

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

75) Divide by shortcut method:

$$130,000 \div 1,000$$

Answer: 130

Remove the three common zeros from 130,000 to get 130

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

76) Divide by shortcut method:

$$1,600 \div 10$$

Answer: 160

Remove the one common zero from 1,600 to get 160

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

77) Divide by long division (show work):

$$6,644 \div 181$$

Answer: 36 R128

6644 divided by 181 is 36 R 128

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

78) A. Estimate by rounding all the way, and B. do the actual calculation: $6,951 \div 81$

A. Estimate _____

B. Actual _____

Answer: A is 87 R40; B. is 85 R66

7,000 divided by 80 is 87 with 40 left over. 6,951 divided by 81 is 85 with 66 left over

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.; 01-03 (2)

Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

79) Ray Company received a shipment of 25 cartons of stereos. In each carton were five stereos. Each stereo sells for \$80 and has a \$30 cost to Ray. Assuming Ray sells all the stereos, what would its profit be?

Answer: \$6,250

Determine the total number of stereos by multiplying the number of cartons by the number of stereos in each carton. Find the difference between the cost and the sale price and multiply that difference by the total number of stereos.

$25 \times 5 = 125$, $\$80 - \$30 = \$50$, $125 \times \$50 = \$6,250$ profit

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

80) Ron purchased two new Jeep Cherokees for \$22,500 per Jeep. He paid \$3,200 down on each car. What total amount should Ron borrow to pay for the cars?

Answer: \$38,600

$$\$22,500 \times 2 = \$45,000 - \$6,400 = \$38,600$$

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

81) John's Pizza sold \$11,130 worth of pizza for one week. The same number of pizzas were sold each day. Each pizza sells for \$6. How many pizzas were sold each day, assuming a seven-day work week.

Answer: 265 pizzas

Take the total sales amount divided by the sale price and then divide by the number of days in the week

$$\$11,130 / \$6 = \$1,855 / 7 = 265$$

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

82) Fleet Center seats 19,580 people. Total attendance for the season was 453,500. Assuming a 25-game home schedule, what is the average attendance per game? If each ticket cost \$180, what would a sellout (all seats filled) bring in for revenue for a game?

Answer: 18,140 people
\$3,524,400

The average attendance would be the total season attendance divided by the 25 home games. The revenue for a sellout game would be the total capacity times the ticket price. $453,500/25 = 18,140$

$19,580 \times 180 = 3,524,400$.

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

83) What is the total of the following verbal forms? Twelve thousand, four hundred eighty-four plus Fourteen million, eight plus Eleven thousand, six hundred twenty-two

Answer: 14,024,114

$12,484 + 14,000,008 + 11,622 = 14,024,114$

Difficulty: 3 Hard

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.; 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

84) Express 8,732,649 in verbal form:

Answer: Eight million, seven hundred thirty-two thousand, six hundred forty-nine

Express each digit in the number separately with its correct place value

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

85) Round the number 65 to the Nearest Ten:

Answer: 70

The 5 in the 65 forces the nearest 10 to 70

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

86) Round the number 686 to the Nearest Hundred:

Answer: 700

686 is closer to 700 than to 600

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

87) Round the number 7,108 to the Nearest Thousand:

Answer: 7,000

7,108 is closer to 7,000 than to 8,000

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

88) Round the number 15,915 All the Way:

Answer: 20,000

The 5 to the right of the 1 forces the 1 to round up to a 2, since 15,915 is closer to 20,000 than to 10,000

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

89) Estimate by rounding all the way, work actual problem, and check by adding each column of digits separately.

$$\begin{array}{r} 1,905 \\ 3,755 \\ + 6,939 \\ \hline \end{array}$$

A. Estimate B. Actual C. Check

Answer: A. 13,000 B. 12,599 C. The Actual is closer to 13,000 than 12,000, as noted by the estimate

A. The estimate, rounded all the way, equals $2,000 + 4,000 + 7,000$. B. The actual resulting sum is 12,599. C. which is closer to 13,000 than to 12,000, as noted in the estimate.

Difficulty: 3 Hard

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.; 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

90) A. Estimate by rounding all the way and B. Do actual calculation: $5,218 \times 605$

Answer: A. 3,000,000 B. 3,156,890

The actual answer should be close to the estimate of 3,000,000, which is the result of $5,000 \times 600$

Difficulty: 3 Hard

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

91) Multiply by the shortcut method: $629,510 \times 1,000$

Answer: 629,510,000 (attach three zeros)

Attach three zeros to 629,510

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

92) A. Divide and B. check answer by multiplication: 279×58

Answer: A. 279 R 10 B. $279 \times 58 = 16,182 + 10 = 16,192$

16,192 divided by 58 is 279 with 10 left over

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

93) Divide by the shortcut method: $1,500 \div 50$

Answer: 30

Discard the common zero and divide 150 by 50 to get 30

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

94) Peter Broom, who lives in Boston, bought a round-trip ticket to Chicago for \$473. He handed the ticket agent five \$100 bills. What change does Peter receive?

Answer: \$27

Multiply the five by 100 to get \$500 and then subtract \$473

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiply and Divide Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

95) Earl Miller plans to buy a boat for \$19,500 with an interest charge of \$2,500. Earl figures he can afford a monthly payment of \$650. If Earl has to pay 36 equal monthly payments, can he afford the boat?

Answer: Yes, he can afford the payments

Add the amount borrowed and the interest charge to get $\$19,500 + \$2,500 = \$22,000$. Divide by 36 to get \$611.11. Since this is less than \$650, he can afford the payments.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

96) In 2018, Lucy Eutner earned \$66,000 in real estate commissions. If Lucy's average commission was \$6,000 per house, how many houses did Lucy sell?

Answer: 11 houses

Remove the three common zeros and divide 66 by 6

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

97) Art Missan has his oil tank filled 12 times per year. His oil tank has a 300-gallon capacity. Assuming the price of home heating fuel is \$3.00 per gallon and the tank is completely empty each time Art has it filled, what is Art's average monthly bill? Try to complete blueprint aid to dissecting a word problem.

Answer:

The Facts	Solving for?	Steps to Take	Key Points
Oil filled 12 times per year Tank holds 300 gal \$3 per gallon	Average monthly heating bill	Total gallons used times cost per gallon equals total cost of oil	Average monthly bill is total cost divided by 12 months in a year

Steps

1. Calculate total gallons used $300 \times 12 = 3,600$
2. Calculate total cost of oil $3,600 \text{ gal.} \times \$3 = \$10,800$
3. Calculate average monthly bill $\$10,800/12 = \900

Set up the blueprint to show the facts, the average, the steps, and the key points. 300×12 is 3,600. 3,600 times 3 is \$10,800. \$10,800 divided by 12 is \$900

Difficulty: 3 Hard

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (3) Use blueprint aid for dissecting and solving a word problem.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

98) Express this verbal form in number form: Eighteen thousand, one hundred sixty-five

Answer: 18,165

Express each digit in the number separately with its correct place value

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

99) Express this verbal form in number form: Two million, thirty-eight thousand, five hundred three

Answer: 2,038,503

Express each digit in the number separately with its correct place value

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric and verbal whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

100) Round the number 95 to the nearest ten:

Answer: 100

Since 5 is to the right of 9, round the 9 up to a 10, so answer will be 100

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

101) Round the number 1,840 to the Nearest Hundred:

Answer: 1,800

1,840 is closer to 1,800 than to 1,900

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

102) Round the number 2,499 to the Nearest Thousand:

Answer: 2,000

2,499 is closer to 2,000 than to 3,000

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

103) Round the number 84 to the Nearest Ten:

Answer: 80

84 is closer to 80 than to 90

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

104) Round the number 671 to the Nearest Hundred:

Answer: 700

671 is closer to 700 than to 600

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

105) Round the number 6752 to the Nearest Thousand:

Answer: 7,000

6,752 is closer to 7,000 than to 6,000

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

106) Estimate by rounding all the way (do not round final answer): $4918 + 6500$

Answer: 12,000

4,918 rounds to 5,000 and 6,500 rounds to 7,000 because of the 5 in the hundreds place. $5,000 + 7,000 = 12,000$

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.; 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

107) Estimate by rounding all the way (do not round final answer): $4918 + 6500$

Answer: 12,000

4,918 rounds to 5,000 and 6,500 rounds to 7,000 because of the 5 in the hundreds place. $5,000 + 7,000 = 12,000$

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.; 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

108) Estimate by rounding all the way (do not round final answer): $3342 + 9581$

Answer: 13,000

3,342 rounds to 3,000, and 9,581 rounds to 10,000. This adds up to 13,000

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.; 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

109) Estimate by rounding all the way (do not round final answer): $2944 + 7653$

Answer: 11,000

2944 rounds to 3000 and 7653 rounds to 8000. This adds to 11,000.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.; 01-02 (1) Add whole numbers; check and estimate addition computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

110) Fill in the missing number:

$$\begin{array}{r} 2,950 \\ - \\ \hline 69 \end{array}$$

Answer: 2,881

Subtract 69 from 2,950

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

111) Fill in the missing number:

$$\begin{array}{r} 1,950 \\ - 890 \\ \hline \end{array}$$

Answer: 1,060

The difference from subtracting 890 from 1,950 is 1,060

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

112) Fill in the missing number:

$$\begin{array}{r} 1,095 \\ - \quad \quad \\ \hline 39 \end{array}$$

Answer: 1,056

Subtract 39 from 1,095

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

113) Subtract: 9,438 - 8,888

Answer: 550

9,438 minus 8,888 is 550

Difficulty: 2 Medium

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

114) Convert 3.4 million to a regular whole number

Answer: 3,400,000

Change the zero to a comma; add zeros and commas so the whole number indicates millions.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

115) Convert 18.25 million to a regular whole number

Answer: 18,250,000

Change the zero to a comma; add zeros and commas so the whole number indicates millions.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (1) Use place values to read and write numeric whole numbers.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

116) Multiply by the shortcut method: $525 \times 1,000,000$

Answer: 525,000,000

Attach 6 zeros to 525.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

117) Multiply by shortcut method. $1,650 \times 10,000$

Answer: 16,500,000

Attach four zeros to 1,650.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

118) Divide by shortcut method: $160,000 \div 1,000$

Answer: 160

Remove three zeros from 160,000.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

119) Divide by shortcut method: $190,000 \div 10,000$

Answer: 19

Remove four zeros from 190,000.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

120) Divide by shortcut method: $180,000 \div 100$

Answer: 1,800 (drop 2 zeros)

Remove two zeros from 180,000.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

121) Divide by shortcut method: $165,000 \div 1,000$

Answer: 165

Remove three zeros from 165,000.

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

122) Divide by long division and then check the answer: $6,514 \div 191$

Answer: 34 R 20

$$\begin{array}{r} 34 \text{ R}20 \\ 191 \overline{) 6,514} \\ \underline{573} \\ 784 \\ \underline{764} \\ 20 \end{array} \qquad \begin{array}{r} 191 \\ \times 34 \\ \hline 764 \\ 573 \\ \hline 6,494 \\ + 20 \\ \hline 6,514 \end{array}$$

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

123) Divide by long division and then check the answer: $6,438 \div 132$

Answer: 48 R 102

$$\begin{array}{r}
 48 \text{ R}102 \\
 132 \overline{) 6,438} \\
 \underline{528} \\
 1158 \\
 \underline{1056} \\
 102
 \end{array}
 \qquad
 \begin{array}{r}
 132 \\
 \times 48 \\
 \hline
 1,056 \\
 5,280 \\
 \hline
 6,336 \\
 + 102 \\
 \hline
 6,438
 \end{array}$$

Difficulty: 2 Medium

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

124) Divide by long division: $5652 \div 17$. Find A. The Estimate and B. The Actual

Answer: A. 300 B. 332 R 8

$$\begin{array}{rcl}
 5,652 \div 17 & \text{A. Est.} & \underline{\hspace{2cm}} \\
 & \text{B. Actual} & \underline{\hspace{2cm}}
 \end{array}$$

$$\begin{array}{rcl}
 \text{A. 300} & & \begin{array}{r} 300 \\ 20 \overline{) 6,000} \end{array}
 \end{array}$$

$$\begin{array}{rcl}
 \text{B. 332 R8} & & \begin{array}{r} 332 \text{ R}8 \\ 17 \overline{) 5,652} \\ \underline{51} \\ 55 \\ \underline{51} \\ 42 \\ \underline{34} \\ 8 \end{array}
 \end{array}$$

Difficulty: 3 Hard

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

Answer: A. 800 B. 686 R 9

A. $800 \overline{) 8,000}$

B. $686 \overline{) 8,241}$

$\begin{array}{r} 72 \\ 104 \\ \underline{96} \\ 81 \\ \underline{72} \\ 9 \end{array}$

Accessibility: Keyboard Navigation

Answer: 43 teachers

Accessibility: Keyboard Navigation

127) Al Flow rents a luxurious condominium for \$14,004 for six months. What is the rental charge per month that Al pays?

Answer: \$2,334

Take the total rental cost and divide by 6

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

128) Abe Real Estate is developing 15 solar homes per state in 25 states. If the cost of each home is estimated at \$80,000, what is the projected cost for the entire development?

Answer: \$30,000,000

Find the total number of homes by multiplying the number of homes per state by the number of states in the project. Then multiply that total by the estimated cost to build each home

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

129) Al Flynn wants to buy a used van that costs \$16,000 with an interest charge of \$2,000. Al figures he can afford a monthly payment of \$700 per month. If there are 24 equal payments required, can Al afford the van? Show your work.

Answer: $\$18,000 \div 24 = \750

No, Al cannot afford the van, which costs \$50 per month too much.

Add the amount borrowed and the interest charge and divide that total by 24. Determine if that amount is less than \$700

Difficulty: 2 Medium

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (1) Add whole numbers; check and estimate addition computations.; 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

130) Al's Hardware buys 200 lawn mowers for \$50 each to stock the store for spring. If Al sells the 200 lawn mowers at \$80 each, what is his profit? (profit = sales - cost)

Answer: Profit = \$6,000

Find the difference between the purchase price \$80 and the sales price \$50 and multiply by the number purchased 200

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

131) A pocket calculator has a retail selling price of \$12. The price has been reduced to \$7. Bill purchases a calculator, handing the clerk a \$100 bill. What change does Bill receive?

Answer: \$93

The original selling price is irrelevant. Subtract the sales price from the amount handed to the clerk

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

132) Mary Ross drove 1,064 miles. Her gas tank holds 28 gallons. How many miles per gallon did Mary's car get?

Answer: $1,064 \div 28 = 38$ miles per gallon (mpg)

Divide the total miles driven by the number of gallons held in the tank

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

133) John Sullivan earned \$101,250 selling real estate in 2018. If his average commission was \$3,750 per unit sold, how many pieces of property did John sell?

Answer: $\$101,250 \div \$3,750 = 27$

Divide the total sales earnings by the number of properties sold

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

134) Al Ring, Martha Wright, and Jim Brewer wrote a text called *Principles of Math*. The royalties on the book are to be split equally. Total royalties earned for the year are \$9,936. How much is author each entitled to?

Answer: $\$9,936 \div 3 = \$3,312$

Divide the total royalties earned by the number of authors [3]

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

135) The oil tank of Bev O'Callahan's home is filled 12 times per year. The oil tank has a capacity of 144 gallons. Assuming the price of home heating fuel is \$2 per gallon, how much did Bev spend on oil heat for the year? What is the average monthly heating bill?

Answer: \$3,456; \$288

$144 \times 12 = 1,728 \times \$2 = \$3,456$; $3,456 / 12 = \$288$ per month

Difficulty: 3 Hard

Topic: LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.; 01-03 (2) Divide whole numbers; check and estimate division computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

136) The Missouri State Prison saw an increase in visitors from 3,290 in 2017 to 17,200 in 2018. How many more visitors did the prison see in 2018?

Answer: 13,910

$$17,200 - 3,290 = 13,910$$

You must subtract the number of visitors in 2017 from the number of visitors in 2018 to find the difference.

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

137) Tom traveled with his son Jeff to Branford, CT, by car and flew back at a cost of \$443. He handed the ticket agent a \$1,000 traveler's check. How much will Tom get back?

Answer: \$557

$$\$1,000 - 443 = \$557$$

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation

138) Round the number 18,932 to the Nearest Hundred:

Answer: 18,900

The digit to the right of 9 is less than 5. Therefore, you do not change the identified digit (9) and you change all digits to the right of the rounded identified digit to zeros.

Difficulty: 2 Medium

Topic: LU 01-01 Reading, Writing, and Rounding Whole Numbers

Learning Objective: 01-01 (2) Round whole numbers to the indicated position.

Bloom's: Understand

Type: Static

Accessibility: Keyboard Navigation

139) The price of gas is \$2.00 per gallon in Florida, well below the average price in California of \$3.00 per gallon. If your Ford Taurus has a 20-gallon tank, assuming you are on empty, how much more will you pay for gas in California?

Answer: \$20

$\$3 - \$2 = \$1 \times 20 = \20 OR

California Cost: $\$3 \times 20 = \60 ; Florida Cost: $\$2 \times 20 = \40 ; $\$60 - \$40 = \$20$

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Analyze

Type: Static

Accessibility: Keyboard Navigation

140) Katy purchased 100 shares of Facebook's IPO @ \$38.00 a share. One year later she sold it all for \$50 a share. What was her total gain?

Answer: \$1,200

price purchased = $\$38 \times 100 = \$3,800$; price sold = $\$50 \times 100 = \$5,000$; Total Gain = $\$5,000 - \$3,800 = \$1,200$

Difficulty: 3 Hard

Topic: LU 01-02 Adding and Subtracting Whole Numbers; LU 01-03 Multiplying and Dividing Whole Numbers

Learning Objective: 01-02 (2) Subtract whole numbers; check and estimate subtraction computations.; 01-03 (1) Multiply whole numbers; check and estimate multiplication computations.

Bloom's: Apply

Type: Static

Accessibility: Keyboard Navigation