

Chapter 01 - Measurement

1. A pint of water (on Earth) is approximately

- a. 1 pound.
- b. 1 gram.
- c. 1 kilogram.
- d. 1 quart.

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

2. Historically, which measurement may have been defined as the distance from the royal nose to the thumb of the royal outstretched arm?

- a. 1 foot
- b. 1 yard
- c. 1 meter
- d. 1 kilometer

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

3. In a debate, is the statement "It's only a theory" a valid argument point against a theory (as in "The theory of evolution is wrong because it's only a theory")?

- a. Yes, theories are weak.
- b. No, theories are strong.
- c. No, theories are weak.
- d. Yes, theories are meaningless.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

4. Which of the following is *not* considered a major physical science:

- a. Physics
- b. Astronomy
- c. Geology
- d. Biology
- e. Meteorology

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

5. The word *science* comes from the Latin word meaning

- a. "experiment."
- b. "investigate."

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- c. "knowledge."
- d. "debate."

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

6. The most information about our environment comes to us through the sense of

- a. smell.
- b. sight.
- c. hearing.
- d. touch.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

7. Our senses may obtain less-than-accurate information concerning our physical world because they

- a. have limited sensitivity.
- b. have a limited range.
- c. are useless.
- d. can be deceived.

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

8. A quantitative observation that is the basis of scientific investigation is a(n)

- a. experiment.
- b. measurement.
- c. explanation.
- d. number.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

9. A scientific law describes

- a. the scientific method.
- b. a fundamental relationship of nature.
- c. the behavior of nature.
- d. an experiment.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

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10. A very tentative explanation of observations of some regularity of nature is a(n)

- a. scientific law.
- b. theory.
- c. experiment.
- d. hypothesis.

ANSWER: d

POINTS: 1

QUESTION TYPE: Multiple Choice

11. A successfully tested hypothesis may take on the status of a(n)

- a. experimental result.
- b. theory.
- c. scientific law.
- d. concept.
- e. superior hypothesis.

ANSWER: b

POINTS: 1

QUESTION TYPE: Multiple Choice

12. A standard unit

- a. is the same in all systems of units.
- b. may not be fixed in value.
- c. is found only in the British system.
- d. is used for taking accurate measurements.
- e. is found only in the metric system.

ANSWER: d

POINTS: 1

QUESTION TYPE: Multiple Choice

13. The standard unit of time is the

- a. hour.
- b. day.
- c. second.
- d. minute.

ANSWER: c

POINTS: 1

QUESTION TYPE: Multiple Choice

14. Which of the following is *not* a fundamental quantity?

- a. Weight
- b. Length
- c. Time

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d. Mass

ANSWER: a
POINTS: 1
QUESTION TYPE: Multiple Choice

15. Which fundamental quantity does the average person measure most often every day?

- a. Mass
- b. Length
- c. Time
- d. Electric charge

ANSWER: c
POINTS: 1
QUESTION TYPE: Multiple Choice

16. Which has a larger mass, a liter of water or a liter of mercury (a liquid metal)?

- a. mercury
- b. water
- c. none of these

ANSWER: a
POINTS: 1
QUESTION TYPE: Multiple Choice

17. Which has a larger volume, a liter of water or a liter of mercury (a liquid metal)?

- a. water
- b. mercury
- c. none of these

ANSWER: c
POINTS: 1
QUESTION TYPE: Multiple Choice

18. The mass of a cubic meter of water is

- a. 1 metric ton.
- b. 100 kg.
- c. 100 L.
- d. 1 lb.

ANSWER: a
POINTS: 1
QUESTION TYPE: Multiple Choice

19. Which statement is *incorrect*?

- a. A kilogram has an equivalent weight greater than that of a pound.
- b. A kilometer is longer than a mile.

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- c. A meter is longer than a yard.
- d. A liter is larger than a quart.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

20. Which has more volume, a liter or a quart?

- a. A liter
- b. A quart
- c. Both are the same
- d. Neither describes volume

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

21. Which of the following is *not* a standard metric unit?

- a. Kilogram
- b. Meter
- c. Second
- d. Gram

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

22. The standard unit of mass in the mks system is the

- a. meter
- b. kilogram
- c. pound
- d. second
- e. gram

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

23. The standard unit of time in the mks system is the

- a. meter
- b. kilogram
- c. second
- d. minute
- e. microsecond

ANSWER:

c

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POINTS:

1

QUESTION TYPE:

Multiple Choice

24. The standard unit of distance in the mks system is the

- a. centimeter
- b. inch
- c. kilometer
- d. meter
- e. second

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

25. The standard unit of length, the meter, is now defined with reference to

- a. a meridian on the Earth.
- b. the French meter.
- c. the speed of light.
- d. a platinum-iridium bar.
- e. a member of the royal family.

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

26. The standard unit of time, the second, is now defined with reference to

- a. the Earth's revolution period.
- b. the mean solar day.
- c. the cesium-133 atom.
- d. the Earth's rotation period.

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

27. The current definition of a kilogram is the mass of a platinum-iridium cylinder kept in

- a. the United States.
- b. France.
- c. England.
- d. Japan.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

28. In what year did the United States officially adopt the metric system?

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- a. 1893
- b. 1995
- c. 2011
- d. 1776
- e. none of these

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

29. The meter was defined originally as

- a. one ten-millionth of the diameter of Earth.
- b. one ten-millionth of the distance from the equator to the North Pole.
- c. the wavelength of a line in the spectrum of krypton-86.
- d. the length of a platinum-iridium bar.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

30. The meter is presently defined as

- a. one ten-millionth of the diameter of Earth.
- b. the wavelength of a line in the spectrum of krypton-86.
- c. the length of a platinum-iridium bar.
- d. the distance light travels in a vacuum in a very short time.

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

31. The metric prefix that means one-hundredth ($1/100$) is

- a. kilo-.
- b. centi-.
- c. mega-.
- d. milli-.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

32. The metric prefix that means one-thousandth ($1/1000$) is

- a. kilo-.
- b. centi-.
- c. milli-.
- d. nano-.

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ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

33. The metric prefix that means one thousand (1000) is

- a. kilo-
- b. centi-
- c. mega-
- d. milli-

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

34. The metric prefix that means one million (1,000,000) is

- a. centi-
- b. mega-
- c. milli-
- d. nano-

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

35. The metric prefix that means ten (10) is

- a. deci
- b. deka
- c. milli
- d. centi
- e. kilo

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

36. The metric prefix that means one tenth (1/10) is

- a. deka
- b. deci
- c. centi
- d. milli
- e. none of these

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

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37. A cubic centimeter of pure water at maximum density has a mass of

- a. 1 g.
- b. 1 kg.
- c. 1 cg.
- d. 1 lb.
- e. none of these

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

38. In the SI, m is the symbol for

- a. mass.
- b. meter.
- c. mole.
- d. metric.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

39. Which of the following is a unit of mass density?

- a. kg/m^3
- b. g/cm^2
- c. lb/ft^3
- d. lb/ft^2

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

40. One kilogram is the same as

- a. 1000 g.
- b. 1/1000 kg.
- c. 10,000 g.
- d. 0.001 g.

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

41. An object's weight would be different on Earth and on the Moon. Which of the following would also be different?

- a. Mass density
- b. Mass
- c. Length

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- d. Volume
- e. None of these

ANSWER: e
POINTS: 1
QUESTION TYPE: Multiple Choice

42. An object transported from Earth's surface to the surface of the Moon has
- a. the same mass, but different weight.
 - b. the same weight, but different mass.
 - c. the same mass and the same weight.
 - d. different mass and different weight.
 - e. none of these.

ANSWER: a
POINTS: 1
QUESTION TYPE: Multiple Choice

43. In buying a product, a shopper has a choice of the following amounts, all at the same price. Which is the best buy?

- a. 432 cc
- b. 1 pint
- c. 1 half-liter
- d. 450 mL

ANSWER: c
POINTS: 1
QUESTION TYPE: Multiple Choice

44. A hydrometer is used to measure
- a. the time for an object to sink.
 - b. water (hydro).
 - c. the volume of a quantity of water.
 - d. liquid density.

ANSWER: d
POINTS: 1
QUESTION TYPE: Multiple Choice

45. Which of the following is *not* a derived quantity?

- a. Volume
- b. Speed
- c. Mass
- d. Density

ANSWER: c
POINTS: 1

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QUESTION TYPE:

Multiple Choice

46. The International System of Units (SI) has _____ base units.

- a. four
- b. six
- c. seven
- d. five

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

47. What is the mass of 25 cm³ of pure water?

- a. None of these
- b. 25 kg
- c. 25 g
- d. 25 mL

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

48. A derived unit

- a. involves only length.
- b. is a combination of units.
- c. applies only to density.
- d. is not found in the metric system.

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

49. A metric ton (or tonne) is

- a. the same as a British ton.
- b. not defined.
- c. a mass unit.
- d. a weight unit.

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

50. Which of the following quantities expressed in derived units includes the unit of length?

- a. Area
- b. Volume
- c. Speed

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- d. Density
- e. All of these

ANSWER:

e

POINTS:

1

QUESTION TYPE:

Multiple Choice

51. Density describes

- a. mass per unit volume.
- b. length per unit time.
- c. volume per liter.
- d. weight per mass.

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

52. A relationship such as 1 in. = 2.54 cm is a(n)

- a. equivalence statement.
- b. base unit.
- c. derived unit.
- d. fundamental quantity.

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

53. A method of expressing the accuracy of measured quantities is

- a. metric prefixes.
- b. derived units.
- c. significant figures.
- d. conversion factors.

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

54. When multiplying and/or dividing quantities, you should report

- a. the result rounded to the same number of digits as there are in the quantity with the greatest number of significant figures.
- b. all the digits that show on your calculator.
- c. only whole numbers.
- d. the result rounded to the same number of digits as there are in the quantity with the least number of significant figures.

ANSWER:

d

POINTS:

1

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QUESTION TYPE:

Multiple Choice

55. Rounding the number 200.601 to three significant figures

- a. gives 199.
- b. gives 200.
- c. gives 200.601
- d. gives 201.
- e. cannot be done.

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

56. Expressed in standard powers-of-10 notation and rounded to four significant figures, the number 0.00023648 is

- a. 2.364×10^3 .
- b. 2.365×10^4 .
- c. 2.365×10^{-4} .
- d. 236.4×10^{-6} .

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

57. One microgram (μg) contains how many grams?

- a. 10^{-3}
- b. 10^{-6}
- c. 10^{-9}
- d. 10^3

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

58. One megawatt contains how many watts?

- a. 10^3
- b. 10^{-6}
- c. 10^6
- d. 10^{-3}

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

59. The speed of light in a vacuum is 300,000,000 m/s. Represented in powers-of-10 notation, this is

- a. $30 \times 10^8 \text{ m/s}$.

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- b. $3 \times 10^7 \text{ m/s.}$
- c. $30 \times 10^6 \text{ m/s.}$
- d. $3 \times 10^8 \text{ m/s.}$

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

60. A measurement of 0.00254 g is the same as

- a. 0.254 mg.
- b. 25.4 mg.
- c. 254 mg.
- d. 2.54 mg.
- e. none of these.

ANSWER:

d

POINTS:

1

QUESTION TYPE:

Multiple Choice

61. For the multiplication of 4.769 m times 7.20 m, the result should be reported with how many significant figures?

- a. Two
- b. One
- c. Three
- d. Four
- e. Seven

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

62. For the multiplication of 7.443 m times 8.5 m, the result should be reported with how many significant figures?

- a. Two
- b. One
- c. Three
- d. Four
- e. Seven

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

63. For the multiplication of 4.4 m times 1.5 m, the result should be reported with how many significant figures?

- a. Two

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- b. One
- c. Three
- d. Four
- e. Seven

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

64. For the multiplication of 4.212 m divided by 7.60 m, the result should be reported with how many significant figures?

- a. Two
- b. One
- c. Three
- d. Four
- e. Seven

ANSWER:

c

POINTS:

1

QUESTION TYPE:

Multiple Choice

65. For the multiplication of 2.817 m divided by 6.3 m, the result should be reported with how many significant figures?

- a. Two
- b. One
- c. Three
- d. Four
- e. Seven

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

66. For the multiplication of 6.3 m divided by 2.8 m, the result should be reported with how many significant figures?

- a. Two
- b. One
- c. Three
- d. Four
- e. Seven

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

67. When the measured quantity 45.67 kg is divided by the measured quantity 3.42 L, the answer should have

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how many significant figures?

- a. Three
- b. One
- c. Four
- d. Two

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

68. The natural sciences are divided into _____ sciences and biological sciences.

ANSWER:

physical

POINTS:

1

QUESTION TYPE:

Subjective Short Answer

69. The natural sciences are divided into physical sciences and _____ sciences.

ANSWER:

biological

POINTS:

1

QUESTION TYPE:

Objective Short Answer

70. A scientific law is a concise statement that describes a(n) _____ of nature.

ANSWER:

relationship (or regularity)

POINTS:

1

QUESTION TYPE:

Objective Short Answer

71. The scientific method holds that no theory is valid unless its predictions are in accord with _____.

ANSWER:

experiment

POINTS:

1

QUESTION TYPE:

Objective Short Answer

72. A hypothesis is a very tentative explanation of some _____ of nature.

ANSWER:

regularity (or relationship)

POINTS:

1

QUESTION TYPE:

Objective Short Answer

73. A(n) _____ is a tested explanation of a broad segment of basic natural phenomena.

ANSWER:

theory

POINTS:

1

QUESTION TYPE:

Objective Short Answer

74. A proposed concept or model of nature is tested using the _____.

ANSWER:

scientific method

POINTS:

1

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QUESTION TYPE: Objective Short Answer

75. The three fundamental quantities studied in Chapter 1 are length, mass, and _____.

ANSWER: time

POINTS: 1

QUESTION TYPE: Objective Short Answer

76. The measurement of space in any direction is called _____.

ANSWER: length

POINTS: 1

QUESTION TYPE: Objective Short Answer

77. _____ is the continuous forward flow of events.

ANSWER: Time

POINTS: 1

QUESTION TYPE: Objective Short Answer

78. _____ is a measurement of the quantity of matter.

ANSWER: Mass

POINTS: 1

QUESTION TYPE: Objective Short Answer

79. An object's _____ would be the same on Earth and on the Moon, but its weight would be different.

ANSWER: mass

POINTS: 1

QUESTION TYPE: Objective Short Answer

80. An object's mass would be the same on Earth and on the Moon, but its _____ would be different.

ANSWER: weight

POINTS: 1

QUESTION TYPE: Objective Short Answer

81. In the metric mks system of units, the letter k stands for _____.

ANSWER: kilogram

POINTS: 1

QUESTION TYPE: Objective Short Answer

82. In the metric mks system of units, the letter m stands for _____.

ANSWER: meter

POINTS: 1

QUESTION TYPE: Objective Short Answer

83. In the metric mks system of units, the letter s stands for _____.

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ANSWER: second
POINTS: 1
QUESTION TYPE: Objective Short Answer

84. Time is sometimes thought of as a fourth dimension of _____.

ANSWER: space
POINTS: 1
QUESTION TYPE: Objective Short Answer

85. SI stands for the _____ of units.

ANSWER: International System
POINTS: 1
QUESTION TYPE: Objective Short Answer

86. On a computer, a megabyte of memory is _____ bytes.

ANSWER: one million (10^6)
POINTS: 1
QUESTION TYPE: Subjective Short Answer

87. The meter is defined in terms of the speed of _____.

ANSWER: light
POINTS: 1
QUESTION TYPE: Objective Short Answer

88. A metric ton is _____ kg.

ANSWER: 1000
POINTS: 1
QUESTION TYPE: Objective Short Answer

89. There are 10 mm in a(n) _____.

ANSWER: centimeter
POINTS: 1
QUESTION TYPE: Objective Short Answer

90. In the metric system, a penny might be called a(n) _____ dollar.

ANSWER: centi-
POINTS: 1
QUESTION TYPE: Objective Short Answer

91. The metric system is a(n) _____ system.

ANSWER: decimal, or base-10
POINTS: 1
QUESTION TYPE: Objective Short Answer

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92. The British system is a(n) _____, or base-12 system.

ANSWER: duodecimal

POINTS: 1

QUESTION TYPE: Objective Short Answer

93. Given that 1 L = 0.266 gal, the conversion factor for converting gallons to liters would be _____.

ANSWER: 0.266 gal/L

POINTS: 1

QUESTION TYPE: Objective Short Answer

94. The ratio of mass to volume is known as _____.

ANSWER: density

POINTS: 1

QUESTION TYPE: Objective Short Answer

95. Liquid density may be measured with a(n) _____.

ANSWER: hydrometer

POINTS: 1

QUESTION TYPE: Objective Short Answer

96. The standard unit of mass in the SI is the _____.

ANSWER: kilogram

POINTS: 1

QUESTION TYPE: Objective Short Answer

97. One liter of pure water at its maximum density has a mass of 1 _____.

ANSWER: kg

POINTS: 1

QUESTION TYPE: Objective Short Answer

98. The unit of density in the mks system is _____.

ANSWER: kg/m^3

POINTS: 1

QUESTION TYPE: Subjective Short Answer

99. A set value for a fundamental quantity is called a(n) _____ unit.

ANSWER: standard

POINTS: 1

QUESTION TYPE: Objective Short Answer

100. A combination of one or more fundamental units is called a(n) _____ unit.

ANSWER: derived

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POINTS: 1
QUESTION TYPE: Objective Short Answer

101. A(n) _____ is a comparison of an unknown physical quantity with the standard unit.

ANSWER: measurement

POINTS: 1
QUESTION TYPE: Objective Short Answer

102. A liter has a volume of _____ cubic centimeters.

ANSWER: 1000

POINTS: 1
QUESTION TYPE: Objective Short Answer

103. Which is longer, a meter or a yard?

ANSWER: A meter
POINTS: 1
QUESTION TYPE: Objective Short Answer

104. Which is larger, a liter or a quart?

ANSWER: A liter
POINTS: 1
QUESTION TYPE: Objective Short Answer

105. In ratio form, the equivalence statement $1 \text{ mi} = 1.61 \text{ km}$ would be expressed as _____.

ANSWER: 1.61 km/mi (or 1 mi/1.61 km)

POINTS: 1
QUESTION TYPE: Objective Short Answer

106. For the multiplication of $8.704 \text{ m} \times 3.14 \text{ m}$, the result should be reported with _____ significant figures.

ANSWER: three
POINTS: 1
QUESTION TYPE: Objective Short Answer

107. If the decimal point is shifted to the left in a number expressed in powers-of-10 notation, the exponent, or power of 10, is _____.

ANSWER: increased
POINTS: 1
QUESTION TYPE: Objective Short Answer

108. If the decimal point is shifted to the right in a number expressed in powers-of-10 notation, the exponent, or power of 10, is _____.

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ANSWER: decreased
POINTS: 1
QUESTION TYPE: Objective Short Answer

109. A student's height is 170 cm. Determine that student's height in inches.

ANSWER: 66.9 in.
POINTS: 1
QUESTION TYPE: Objective Short Answer

110. A friend from Europe asks what the length of a 100-yd football field would be in meters. After doing the conversion, what would you tell her?

ANSWER: 91.4 m
POINTS: 1
QUESTION TYPE: Objective Short Answer

111. How long is a 10.0-ft pole in meters?

ANSWER: 3.05 m
POINTS: 1
QUESTION TYPE: Objective Short Answer

112. A cubic container 20 cm on a side is filled with water. What is the mass of the water?

ANSWER: 8 kg
POINTS: 1
QUESTION TYPE: Objective Short Answer

113. Dry air has a density of 1.29 kg/m^3 . What would be the volume of a metric ton of air?

ANSWER: 775 m^3
POINTS: 1
QUESTION TYPE: Subjective Short Answer

114. Perform the operation of $147.02/0.338$, and report the result with the proper number of significant figures in standard powers-of-10 notation.

ANSWER: 4.35×10^2
POINTS: 1
QUESTION TYPE: Subjective Short Answer

115. Express 100 megadollars in standard powers-of-10 notation.

ANSWER: 1.0×10^8 dollars
POINTS: 1
QUESTION TYPE: Subjective Short Answer

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116. Calculate the product of 2.1×10^2 and 1.9×10^7 . Express the answer in standard powers-of-10 notation.

ANSWER: 3.99×10^9

POINTS: 1

QUESTION TYPE: Subjective Short Answer

117. Calculate the approximate number of seconds that a(n) 30-year-old student has lived.

ANSWER: 9.5×10^8 s

POINTS: 1

QUESTION TYPE: Subjective Short Answer

118. If there are 2.54 cm/in., how many inches are there per centimeter?

ANSWER: $1/2.54 = 0.394$

POINTS: 1

QUESTION TYPE: Objective Short Answer

119. Write 0.000852 in standard powers-of-10 notation.

ANSWER: 8.52×10^{-4}

POINTS: 1

QUESTION TYPE: Subjective Short Answer

120. What does 4×10^{-12} times 3×10^{-8} divided by 2×10^{24} equal?

ANSWER: 6×10^{-44}

POINTS: 1

QUESTION TYPE: Subjective Short Answer

121. What does 6×10^{12} times 3×10^{-9} divided by 2×10^{-17} equal?

ANSWER: 9×10^{20}

POINTS: 1

QUESTION TYPE: Subjective Short Answer