

MODULE ONE: BASIC SKILLS

ASSESSMENT TWO: Basic Mathematics

Write down the correct answer for each of the following computations. Try to complete this assessment in 30 minutes. Avoid using a calculator unless this is permitted at your place of learning; however, feel free to check your answers with a calculator on completion of the quiz.

1 $200 + 57 + 86 =$

- a 296
- b 310
- c 327
- d 343

2 $935 \times 9 =$

- a 8016
- b 8415
- c 8632
- d 8715

3 $9428 - 6374 =$

- a 2962
- b 3007
- c 3054
- d 3154

4 $547 \times 27 =$

- a 14387
- b 14529
- c 14769
- d 14865

5 $7493 \div 100 =$

a 7.493

b 74.93

c 749.3

d 0.7493

6 $27 + 32.11 + 56.1 =$

a 106.01

b 115.21

c 117.31

d 119.21

7 $246 - 82.06 =$

a 161.94

b 161.6

c 163.06

d 163.94

8 $728 \times 1000 =$

a 0.782

b 728 000

c 72.8

d 7280

9 The lowest form for the fraction $12/32$ would be

a $4/11$

b $3/8$

c $6/18$

d $6/16$

- 10 When simplified to its lowest form, the multiplication $500/4 \times 15/60$ would be
- a 31.25
 - b 27.5
 - c 29.25
 - d 12.5
- 11 When converted to a decimal, the fraction $7/10$ would be
- a 70
 - b 0.7
 - c 7.0
 - d 0.07
- 12 When converted to a percentage, the decimal 0.75 would be
- a 0.75%
 - b 7.5%
 - c 75%
 - d 750%
- 13 132 pounds, when converted to kg (2.2 pounds per kg) would be
- a 35 kg
 - b 55 kg
 - c 58 kg
 - d 60 kg
- 14 If your salary was \$13.70 per hour, in 8 hours you would earn
- a \$109.60
 - b \$112.40
 - c \$106.80
 - d \$110.70

- 15 If your train fare is \$3.80 per day, for 5 days it would cost you
- a \$17.60
 - b \$18.40
 - c \$19
 - d \$20.20
- 16 If 1 inch equals 2.54 cm, 57 inches is equal to
- a 142.36 cm
 - b 144.78 cm
 - c 145.12 cm
 - d 148.44 cm
- 17 John's height is 177.8 cm. This is equal to
- a 68 inches
 - b 69 inches
 - c 70 inches
 - d 72 inches
- 18 John is 10 stone. 1 stone is equal to 14 pounds, so John's weight in pounds is:
- a 140 pounds
 - b 142 pounds
 - c 144 pounds
 - d 146 pounds
- 19 Remembering that 1 kg = 2.2 pounds, John's weight in kg would be
- a 61.64 kg
 - b 62.62 kg
 - c 63.02 kg
 - d 63.63 kg

- 20 Mary is 63 inches tall. This measurement is also approximately
- a 155 cm
 - b 157 cm
 - c 160 cm
 - d 163 cm

ANSWERS

Check your answers. If you have made an error, perform the calculation once more and then check it with your calculator.

- | | |
|----|---|
| 1 | d |
| 2 | b |
| 3 | c |
| 4 | c |
| 5 | b |
| 6 | b |
| 7 | d |
| 8 | b |
| 9 | b |
| 10 | a |
| 11 | b |
| 12 | c |
| 13 | d |
| 14 | a |
| 15 | c |
| 16 | b |
| 17 | c |
| 18 | a |
| 19 | d |
| 20 | c |