

Sorrentino: Mosby's Canadian Textbook for the Support Worker, 4th Edition**MATH ASSESSMENT TEST**

Select the best answer.

1. A patient is limited to 2000 millilitres (ml) of liquid intake per day. If the patient has 250 ml of juice for breakfast and 500 ml of milk for lunch, how much liquid can the patient have for the rest of the day?

- (A) 250 ml
- (B) 750 ml
- (C) 1250 ml
- (D) 1750 ml

2. If a person takes 10 breaths in 30 seconds, what is the average number of breaths per minute?

- (A) 5
- (B) 10
- (C) 15
- (D) 20

3. If a person is 63 inches tall, how tall is the person in feet (ft) and inches (in)?

- (A) 5 ft 3 in
- (B) 5 ft 6 in
- (C) 6 ft 1 in
- (D) 6 ft 3 in

4. A nursing assistant counts pulses for 30 seconds and records a pulse rate of 72 beats per minute. How many pulses were counted in 30 seconds?

- (A) 30
- (B) 36
- (C) 60
- (D) 72

5. A person's height is measured at 4 feet 3 inches during a well-child visit. The same child was measured at 3 feet 10 inches during the previous visit. How much did the child grow between visits?

- (A) 5 inches
- (B) 4 inches
- (C) 3 inches
- (D) 2 inches

6. A person drank 180 millilitres (ml) of coffee for breakfast, 240 ml of juice for lunch, and 250 ml of diet coke for dinner. What is the total liquid intake for these three meals?

- (A) 550 ml
- (B) 570 ml
- (C) 660 ml
- (D) 670 ml

7. A person who takes 11 breaths in _____ seconds has a respiratory rate of 22 breaths per minute.

- (A) 15 seconds
- (B) 30 seconds
- (C) 45 seconds
- (D) 60 seconds

8. A person's daily food intake is to be reduced by one-fourth. If the person previously consumed 4000 calories per day, how many calories per day may the person now consume?

- (A) 3000
- (B) 2000
- (C) 1000
- (D) 500

9. A height of 5 feet 8 inches is equal to _____ inches.

- (A) 58
- (B) 68
- (C) 72
- (D) 80

10. A unit conversion table indicates that 1 ounce of fluid is equal to 30 millilitres. According to this conversion, an 8-ounce serving of milk is equal to _____ millilitres.

- (A) 24
- (B) 38
- (C) 160
- (D) 240

11. If a person's heart beats 52 times in 30 seconds, what is the average number of beats per minute?

- (A) 52
- (B) 82
- (C) 104
- (D) 156

Add or subtract as indicated.

12. $1349 + 72 =$ _____

13. $134 + 82 + 14 =$ _____

14. $976 - 594 =$ _____

15. $849 - 688 =$ _____

Multiply or divide as indicated.

16. $27 \times 4 =$ _____

17. $102 \times 6 =$ _____

18. $143 \times 224 =$ _____

19. $845 \div 5 =$ _____

20. $120 \div 80 =$ _____

This completes the Math Assessment Test.