



# Test Preparation

Choose the best answer.

1. Which is ordered from greatest to least?

a. 2.3, 2.4, 2.0, 2.9  
 b. 0.14, 0.16, 0.18, 0.2  
 c. 7.43, 7.42, 7.41, 7.4  
 d. none of these

6. Find the product.

$$7 \times \$19.05$$

a. \$73.05  
 b. \$83.05  
 c. \$133.35  
 d. \$143.35

2.  $16 \overline{) \$138.88}$

a. \$8.68  
 b. \$9.38  
 c. \$18.68  
 d. \$19.38

7. Which makes a true statement?

$$\frac{8}{7} \times \underline{\quad} > \frac{8}{7}$$

a. any fraction  $< 1$   
 b. any fraction  $= 1$   
 c. any fraction  $> 1$   
 d. not given

$$\begin{array}{r} 23 \frac{3}{8} \\ - 17 \frac{3}{4} \\ \hline \end{array}$$

a.  $5 \frac{5}{8}$   
 b.  $6 \frac{5}{8}$   
 c.  $6 \frac{3}{4}$   
 d.  $5 \frac{3}{4}$

8. Chen feeds his cat Lotus  $\frac{1}{4}$  pound of dry food each day. For how many days can he feed her from a 16-pound bag of food?

a. 64  
 b. 33  
 c. 12  
 d. 4

4. Multiply.

$$70 \times 6000$$

a. 4200  
 b. 42,000  
 c. 420,000  
 d. 4,200,000

9. Add. Use any method.

$$\begin{array}{r} 0.7 \\ 0.24 \\ + 0.4 \\ \hline \end{array}$$

a. 13.4  
 b. 4.94  
 c. 1.34  
 d. 0.34

5. Choose the best estimate.

$$\frac{1}{3} + \frac{3}{8}$$

a.  $\frac{1}{4}$       b.  $\frac{1}{2}$   
 c.  $\frac{3}{4}$       d. 1

10. Divide.

$$3.54 \div 0.3$$

a. 11.8  
 b. 3.24  
 c. 1.18  
 d. 0.118



11. Which statement about quadrilaterals is true?

- a. All quadrilaterals have four sides.
- b. All quadrilaterals have equal sides.
- c. All quadrilaterals have four right angles.
- d. All quadrilaterals are parallelograms.

17. Which statement is *false*?

- a. A square is a regular polygon.
- b. A triangle has no diagonals.
- c. A rhombus is a square.
- d. A square is a rectangle.

12. Subtract. Use any method.

$$\frac{8}{9} - \frac{2}{3}$$

- a.  $\frac{2}{9}$
- b.  $\frac{1}{3}$
- c.  $\frac{2}{3}$
- d. 2

18. Subtract. Use any method.

$$0.78 - 0.21$$

- a. 1.57
- b. 0.99
- c. 0.67
- d. 0.57

13. Choose the appropriate unit to measure orange juice.

- a. feet
- b. quarts
- c. pounds
- d. not given

19.  $18\text{ ft } 9\text{ in.} - 11\text{ ft } 11\text{ in.} = \underline{\hspace{1cm}} ?$

- a. 6 ft 10 in.
- b. 7 ft 11 in.
- c. 7 ft 2 in.
- d. not given

14. What number is 389 million, 235 thousand?

- a. 389,235
- b. 389,200,035
- c. 389,235,000
- d. not given

20. Compare:  $6\text{ c } \underline{\hspace{1cm}} ? 1\frac{1}{2}\text{ qt}$

- a.  $<$
- b.  $>$
- c.  $=$
- d. not given

15. A 3-pound bag of whole-wheat flour is on sale for \$2.88. The regular price is \$3.75 for a 3-pound bag. What is the regular price per pound of whole-wheat flour?

- a. \$3.75
- b. \$1.25
- c. \$.96
- d. \$2.21

21. Marco reads for  $\frac{2}{3}$  of an hour every day. How many days does it take Marco to read for 7 hours?

- a. 9
- b. 10
- c.  $10\frac{1}{2}$
- d. 11

16. One of the angles of a right triangle measures  $53^\circ$ . What are the degree measures of the other two angles?

- a.  $90^\circ$ ;  $37^\circ$
- b.  $90^\circ$ ;  $47^\circ$
- c.  $90^\circ$ ;  $53^\circ$
- d. not given

22. Your dog weighs 16 lb 4 oz. You put your cat on the scale with your dog. The scale reads 20 lb 1 oz. How much does the cat weigh?

- a. 4 lb 3 oz
- b. 3 lb 13 oz
- c. 3 lb 3 oz
- d. not given

### Tell About It

23. Felix records the number of hours he spends cycling each week.

- a. Explain how to construct a line plot to display the data Felix has collected.
- b. Summarize what his line plot will show about the data.