

Test, Form 1A

SCORE _____

Write the letter for the correct answer in the blank at the right of each question.

1. What is $\frac{1}{4}$ written as a percent?
A. 14% B. 25% C. 30% D. 40% 1. _____

2. What is 22.5% written as a fraction in simplest form?
F. $\frac{225}{10}$ G. $\frac{45}{100}$ H. $\frac{9}{40}$ I. $\frac{9}{100}$ 2. _____

3. What is 575% written as a mixed number?
A. $5\frac{3}{4}$ B. $50\frac{1}{4}$ C. $57\frac{1}{2}$ D. $500\frac{3}{4}$ 3. _____

4. What is 0.399 written as a percent?
F. 399% G. 39.9% H. 3.99% I. 0.00399% 4. _____

5. What is $7\frac{1}{5}$ written as a percent?
A. 7.2% B. 27% C. 72% D. 720% 5. _____

6. What is 86% written as a decimal?
F. 86 G. 8.6 H. 0.86 I. 0.086 6. _____

7. What is 32% of 60?
A. 19.2 B. 32 C. 187.5 D. 192 7. _____

8. Find 340% of 35.
F. 0.103 G. 70 H. 119 I. 340 8. _____

9. Find 0.15% of 43.
A. 64.5 B. 6.45 C. 0.645 D. 0.0645 9. _____

10. What is 20% of 141?
F. 2.82 G. 20 H. 28.2 I. 70.5 10. _____

Test, Form 1A (continued)

SCORE _____

11. Which fraction is less than $\frac{1}{2}$?
 A. $\frac{3}{8}$ B. $\frac{5}{8}$ C. $\frac{5}{7}$ D. $\frac{9}{16}$ 11. _____

12. Which of the following orders 75%, $\frac{1}{2}$, 0.375, and $\frac{5}{8}$ from least to greatest?
 F. $\frac{1}{2}$, 75%, 0.375, $\frac{5}{8}$ H. 0.375, $\frac{1}{2}$, 75%, $\frac{5}{8}$
 G. $\frac{1}{2}$, 0.375, 75%, $\frac{5}{8}$ I. 0.375, $\frac{1}{2}$, $\frac{5}{8}$, 75% 12. _____

13. What is $6\frac{1}{4}$ written as a decimal?
 A. 6.5 B. 6.2 C. 6.25 D. 6.025 13. _____

14. What is 0.9 written as a fraction in simplest form?
 F. $\frac{90}{100}$ G. $\frac{9}{10}$ H. $\frac{1}{9}$ I. $\frac{9}{100}$ 14. _____

15. 16 is 20% of what number?
 A. 40 B. 80 C. 96 D. 125 15. _____

16. A store is having a sale where school supplies are 30% off their original price. A backpack is on sale for \$11.20. What was the original price of the backpack?
 F. \$11.50 G. \$12 H. \$14.20 I. \$16 16. _____

17. A recipe for guacamole uses 12% lime juice. If a batch contains 0.75 cup of lime juice, how large is the batch of guacamole?
 A. 4.5 cups B. 6.25 cups C. 7.5 cups D. 9 cups 17. _____

18. Fred completed 10 math problems. This is 40% of the number of math problems he has to do. How many math problems must he do?
 F. 4 G. 17 H. 25 I. 400 18. _____

Which is the best estimate of each percent?

19. 25% of 395
 A. 10 B. 100 C. 1,000 D. 1,600 19. _____

20. 48% of 60
 F. 3,000 G. 300 H. 30 I. 3 20. _____