

Test, Form 1A

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

1. Write $\frac{12}{25}$ as a decimal.

- A. 0.48 B. 0.52 C. 2.083 D. 12.04

1. _____

2. Write -5.36 as a mixed number in simplest form.

- F. $-5\frac{9}{25}$ G. $-5\frac{36}{100}$ H. $-\frac{536}{100}$ I. $-\frac{536}{1,000}$

2. _____

Add or subtract. Write in simplest form.

3. $-\frac{8}{9} + \frac{4}{9}$

- A. $1\frac{1}{3}$ B. $\frac{2}{3}$ C. $-\frac{2}{9}$ D. $\frac{4}{9}$

3. _____

4. $-8\frac{2}{3} - 4\frac{1}{9}$

- F. $4\frac{5}{9}$ G. $4\frac{1}{6}$ H. $-4\frac{7}{9}$ I. $-12\frac{7}{9}$

4. _____

Multiply or divide. Write in simplest form.

5. $-\frac{6}{7} \cdot \left(-\frac{2}{3}\right)$

- A. $\frac{12}{21}$ B. $\frac{4}{7}$ C. $-\frac{4}{5}$ D. $-1\frac{11}{21}$

5. _____

6. $-\frac{3}{8} \div \frac{3}{4}$

- F. $-3\frac{5}{9}$ G. -2 H. $-\frac{1}{2}$ I. $\frac{9}{32}$

6. _____

7. Write the next two terms in the given sequence.

4, 8, 12, 16, . . .

- A. 16, 20 B. 20, 24 C. 20, 30 D. 24, 28

7. _____

8. Write $\frac{7}{25}$ as a percent.

- F. 7% G. 14% H. 21% I. 28%

8. _____

9. Write 35% as a fraction in simplest form.

- A. $\frac{7}{10}$ B. $\frac{3}{5}$ C. $\frac{7}{20}$ D. $\frac{3}{10}$

9. _____

Test, Form 1B (continued)

11. ARCHAEOLOGY An archaeologist descends 30 feet into a tomb, then climbs up 18 feet. Find $-30 + 18$ to find his final position.

- A. -48 ft B. -12 ft C. 12 ft D. 48 ft 11. _____

Add, subtract, multiply, or divide.

12. $10 + (-8)$

- F. -18 G. -2 H. 2 I. 18 12. _____

13. $-8(-4)$

- A. 32 B. 12 C. -12 D. -32 13. _____

14. $24 \div (-6)$

- F. 18 G. 4 H. -4 I. -30 14. _____

15. $19 - 11$

- A. 30 B. 8 C. -8 D. -30 15. _____

16. $(-4)2$

- F. 16 G. 8 H. -8 I. -16 16. _____

Evaluate each expression if $m = -3$, $n = 8$, and $p = -1$.

17. np

- A. -9 B. -8 C. 7 D. 8 17. _____

18. $9 - m$

- F. -27 G. -6 H. 6 I. 12 18. _____

19. $-12 + n$

- A. 20 B. 4 C. -4 D. -20 19. _____

20. $\frac{-18}{m}$

- F. 6 G. -6 H. -15 I. -21 20. _____