

Spiral Review and Test Prep 4-2

Circle the correct answer.

1. Terrel has a regular number cube numbered from 1 to 6. What is the probability Terrel will toss an even number?

- A. 1 out of 2
- B. 2 out of 4
- C. 3 out of 4
- D. 4 out of 6

2. Which of the following is a solution to the inequality $g > 15$?

- A. $6 + 3$
- B. $8 + 4$
- C. $7 + 6$
- D. $9 + 8$

3. If $n \times 5 = 350$, what is the value of n ?

- A. 30
- B. 50
- C. 70
- D. 120

4.
$$\begin{array}{r} 234 \\ \times 9 \\ \hline \end{array}$$

- A. 6,120
- B. 6,102
- C. 2,160
- D. 2,106

Find each quotient. Use mental math.

5. $640 \div 80 =$ _____

6. $5,000 \div 50 =$ _____

7. Jaron has 46 books on his bookshelf. Each shelf holds 11 books. How many shelves can be completely filled? How many shelves are needed in all?

8. Divide. Check by multiplying.

$7 \overline{)642}$ _____

9. Write all of the factors of 24.

Spiral Review and Test Prep 2-16

Circle the correct answer.

1. Solve this equation by using mental math.

$$7v = 21$$

- A. 3 C. 7
B. 6 D. 9

2. How would you write this number in standard form?

$$80,000,000 + 7,000,000 + 500,000 + 20$$

- A. 87,520,020
B. 87,520,000
C. 87,502,000
D. 87,500,020

3. Which fraction is equivalent to $\frac{1}{5}$?

- A. $\frac{3}{10}$ C. $\frac{5}{30}$
B. $\frac{4}{20}$ D. $\frac{6}{35}$

Solve each equation by testing the given values for the variable.

4. $9c = 45$ $c = 3, 4, \text{ or } 5$

5. $h + 4.6 = 7.3$

$h = 2.7, 3.2, \text{ or } 4.1$

It took Felicia 15 min to walk to the train station and 35 min to ride the train to work. She arrived at work at 9:00 A.M. At what time did she leave to go to work?

Ralph's Solution

$9:00 - 15 \text{ minutes} = 8:45$ $8:45 - 35 \text{ minutes} = 8:10$
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6. What strategy did Ralph use to solve the problem?
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