



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 The sum of three and seven times a number equals thirty-eight.  
Which equation states this correctly?

- A  $3 + 7 + n = 38$
- B  $7 + 3n = 38$
- C  $3 + 38 = 7n$
- D  $3 + 7n = 38$

2 Five times a number reduced by six equals fifty-one.  
Which equation states this correctly?

- A  $5n \div 6 = 51$
- B  $5n - 6 = 51$
- C  $6n - 5 = 51$
- D  $6n \div 5 = 51$

3 Twenty-four is the quotient of two times a number divided by three.  
Which equation states this correctly?

- A  $2n \div 24 = 3$
- B  $24 = 2n \cdot 3$
- C  $24 = 2n \div 3$
- D

4 Forty-two is the product of seven times the sum of a number and two.  
Which equation states this correctly?

- A  $42 = 7n + 2$
- B  $42 = n(7 + 2)$
- C  $42 = 7(n - 2)$



## PREVIEW

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7  
S  
1  
A  
B 8  
C 16  
D 96

- B 16.6
- C 13
- D 12

9 Solve the equation for  $x$ .

$$\frac{x}{7} + 6 = 11$$

- A 119
- B 35
- C 17
- D 2.4

10 Solve the equation for  $x$ .

$$\frac{x}{12} + 3 = 53$$

- A 4.2
- B 4.5
- C 600
- D 636



## ANSWER KEY

The sum of three and seven times a number equals thirty-eight.

Which equation states this correctly?

- A  $3 + 7 + n = 38$
- B  $7 + 3n = 38$
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- D  $3 + 7n = 38$

(d)

Five times a number reduced by six equals fifty-one.

Which equation states this correctly?

- A  $5n \div 6 = 51$
- B  $5n - 6 = 51$
- C  $6n - 5 = 51$
- D  $6n \div 5 = 51$

(b)

Twenty-four is the quotient of two times a number divided by three.

Which equation states this correctly?

- A  $2n \div 24 = 3$
- B  $24 = 2n \cdot 3$
- C  $24 = 2n \div 3$
- D  $2n = 24 \div 3$

(c)

Forty-two is the product of seven times the sum of a number and two.

Which equation states this correctly?

- A  $42 = 7n + 2$
- B  $42 = n(7 + 2)$
- C  $42 = 7(n - 2)$
- D  $42 = 7(n + 2)$

(d)



## PREVIEW

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- C 16
- D 96

- C 13
- D 12

Solve the equation for  $x$ .

$$\frac{x}{7} + 6 = 11$$

- A 119
- B 35
- C 17
- D 2.4

(b)

Solve the equation for  $x$ .

$$\frac{x}{12} + 3 = 53$$

- A 4.2
- B 4.5
- C 600
- D 636

(c)