Name _____ Date _____

7th Grade Readiness: Fall Progress

Questions 1-3: Multiply and divide fractions.

1.

$$\frac{3}{5} \times \frac{7}{9}$$

Answer: _____

2.

$$\frac{4}{5} \div \frac{3}{4}$$

Answer: _____

3.

$$\frac{4}{5} \div \frac{2}{3}$$

Answer: _____

Please stop, put your pencil down and wait for the next directions.

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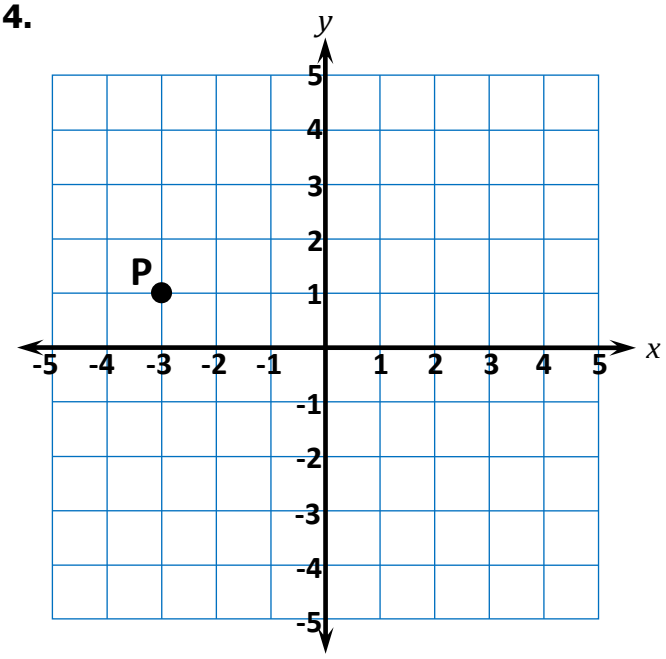
7th Grade Readiness: Fall Progress

(continued)

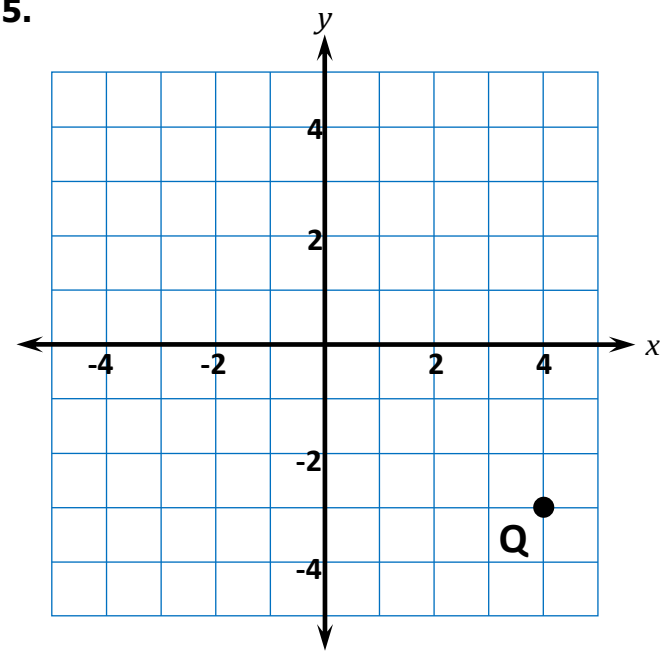
Questions 4-6: Write the ordered pair for the point.

4.



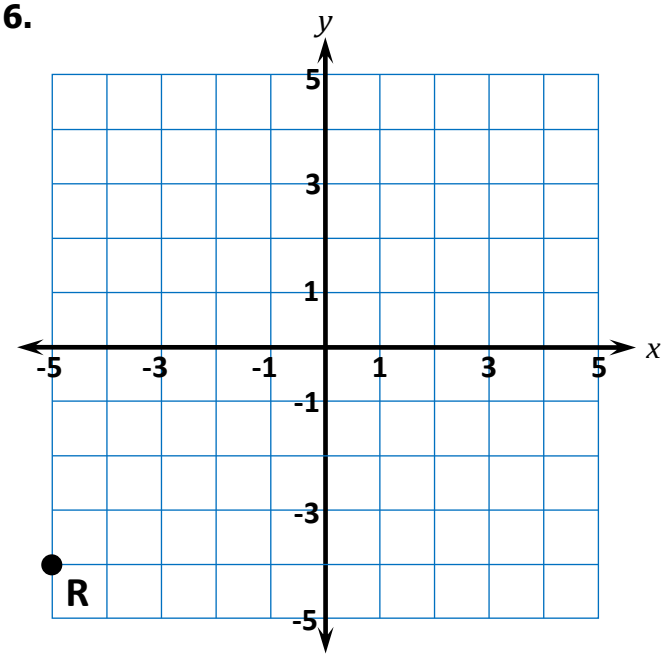
Answer: _____

5.



Answer: _____

6.



Answer: _____

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7th Grade Readiness: Fall Progress

(continued)

Questions 7-9: Find the equivalent expression.

7.

The product of x and 4, decreased by 3

○ $4x - 3$ ○ $4(x - 3)$ ○ $3x - 4$ ○ $x + 4 - 3$

8.

2 more than 3 times x

○ $2x + 3$ ○ $3x + 2$ ○ $3(x + 2)$ ○ $2(3 + x)$

9.

3 times the difference of x and 4

○ $4x - 3$ ○ $4(x - 3)$ ○ $3x - 4$ ○ $3(x - 4)$

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7th Grade Readiness: Fall Progress

(continued)

Questions 10-12: Evaluate the expression for the given value of x.

10. Evaluate $3x + 4$ for $x = 5$.

Answer: _____

11. Evaluate $x^2 + 5$ for $x = 4$.

Answer: _____

12. Evaluate $18 - 4x$ for $x = 2$.

Answer: _____

STOP

Please stop, put your pencil down and wait for the next directions.

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7th Grade Readiness: Fall Progress

(continued)

Questions 13-15: Find the equivalent expression.

13.

$$x + x$$

○ $2x^2$ ○ $x + 2$ ○ x^2 ○ $2x$

14.

$$5x + 3 + 2x$$

○ $7x + 3$ ○ $10x$ ○ $10x^2$ ○ $5x + 5$

15.

$$4(x + 3)$$

○ $4x + 3$ ○ $4x + 12$ ○ $x^4 + 7$ ○ $x + 12$

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7th Grade Readiness: Fall Progress

(continued)

Questions 16-18: Solve the equation.

16.

$$x + 5 = 15$$

Answer: _____

17.

$$24 = 3x$$

Answer: _____

18.

$$\frac{1}{2}x = 10$$

Answer: _____

STOP

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