Name _____ Date _____

7th Grade Readiness: Progress Assessment

Questions 1-3: Multiply and divide fractions.

1.

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

[7/15] 10/45 5/7 3/35

2.

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

[16/15] 3/5 5/3 15/16

3.

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

[6/5] 8/15 5/6 15/8

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

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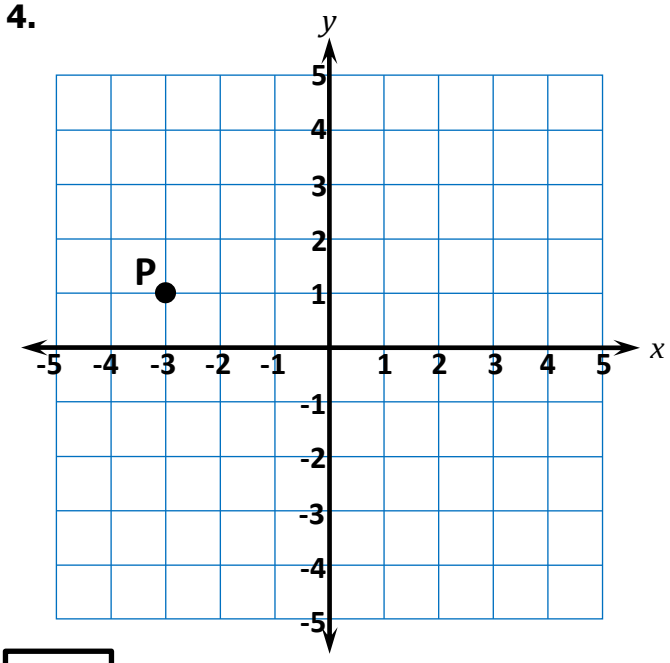
7th Grade Readiness: Progress Assessment

(continued)

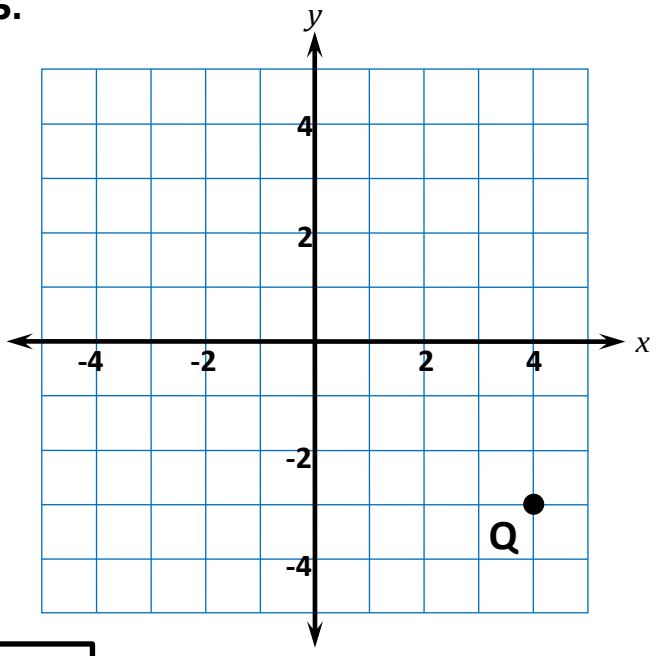
Questions 4-6: Write the ordered pair for the point.

4.



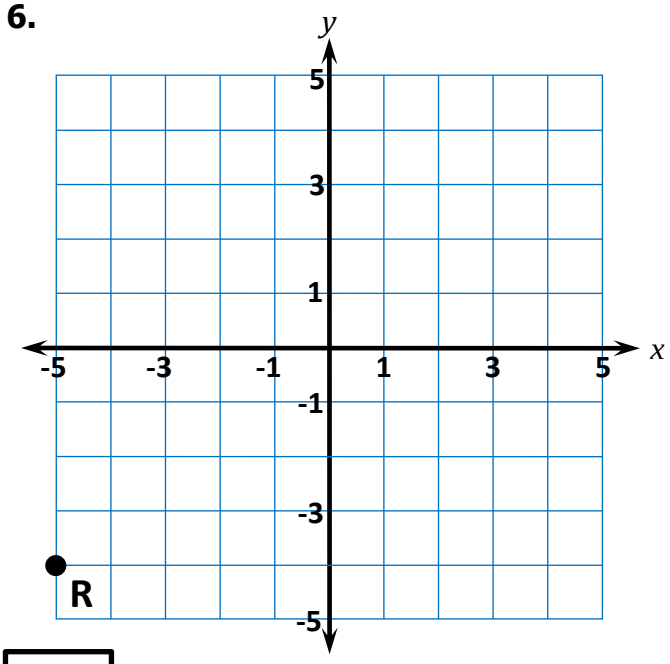
(-3, 1) (-3, -1) (1, -3) (1, 3)

5.



(4, -3) (4, 3) (-4, -3) (-4, 3)

6.



(-5, -4) (-5, 4) (-4, -5) (-4, 5)

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(continued)

Questions 7-9: Find the equivalent expression.

7.

The product of x and 4, decreased by 3

○ $\boxed{4x - 3}$ ○ $4(x - 3)$ ○ $3x - 4$ ○ $x + 4 - 3$

8.

2 more than 3 times x

○ $2x + 3$ ○ $\boxed{3x + 2}$ ○ $3(x + 2)$ ○ $2(3 + x)$

9.

3 times the difference of x and 4

○ $4x - 3$ ○ $4(x - 3)$ ○ $3x - 4$ ○ $\boxed{3(x - 4)}$

STOP

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(continued)

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

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

19	12	15	27

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

21	13	16	11

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

10	12	8	28

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(continued)

Questions 13-15: Find the equivalent expression.

13.

$$x + x$$

$2x^2$ $\quad$ $x + 2$ $\quad$ x^2 $\quad$ **$2x$**

14.

$$5x + 3 + 2x$$

$7x + 3$ $\quad$ $10x$ $\quad$ $10x^2$ $\quad$ $5x + 5$

15.

$$4(x + 3)$$

$4x + 3$ $\quad$ **$4x + 12$** $\quad$ $x^4 + 7$ $\quad$ $x + 12$

STOP

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(continued)

Questions 16-18: Solve the equation.

16.

$$x + 5 = 15$$

10	75	3	20

17.

$$24 = 3x$$

8	72	21	27

18.

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

20	12	5	8

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