

# 7<sup>th</sup> 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

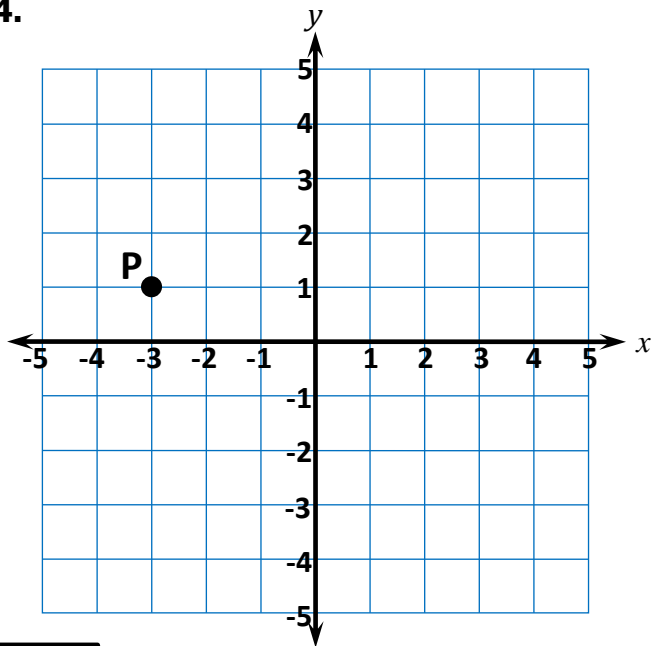
15/8



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

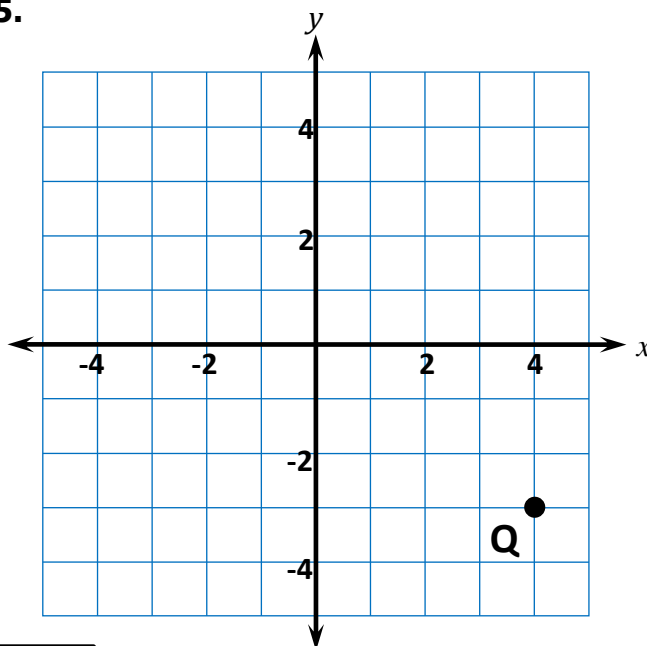
Questions 4-6: Write the ordered pair for the point.

4.



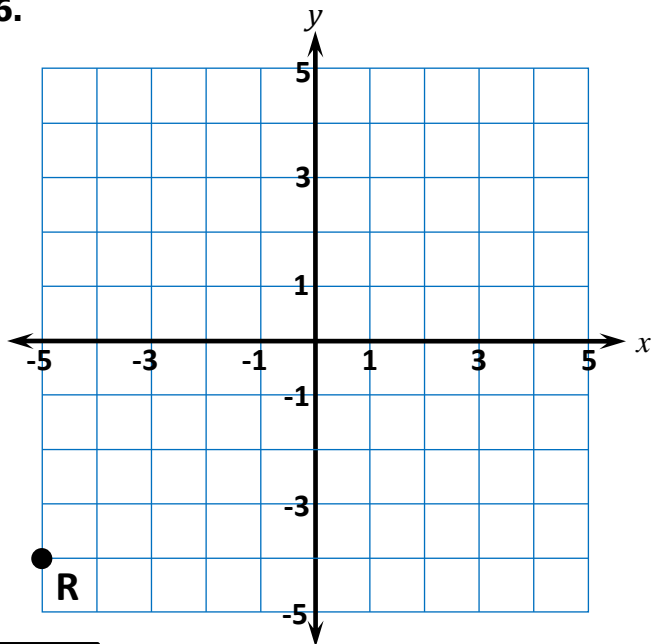
(-3, -1) (1, -3) (1, 3)

5.



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

6.



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



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

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

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



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

**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


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

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.**

$$4(x + 3)$$

$4x + 3$

$4x + 12$

$x^4 + 7$

$x + 12$



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

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


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