2.	What is the equation of the line that passes through the
poi	$t(5,-5)$ and has a slope of $\frac{1}{5}$?

3. Which equation represents a line which is parallel to x=0?

A.
$$y = 5$$
 B. $x = 4$

C.
$$x = \frac{1}{4}y$$
 D. $x = -4y$

4. Find the slope of a line perpendicular to the line whose equation is 10x - 12y = -24. Fully simplify your answer.

line segment whose endpoints are (-1, -3) and (3, 1).

6. Find the equation of a line perpendicular to x-6y=12 that passes through the point (6,2).

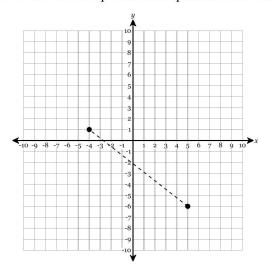
A.
$$y+2=\frac{1}{6}(x-6)$$

B.
$$y-2=6(x-6)$$

C.
$$y-2=-\frac{1}{6}(x-6)$$

D.
$$y-2 = -6(x-6)$$

7. Graph a right triangle with the points (5, -6) and (-4, 1) forming the hypotenuse. Using the sides, find the distance between the two points in simplest radical form.



Leg 1:	Leg 2:	Hypotenuse:
205 1.	205 2.	Trypoteriuse.

8. Find the distance between the two points in simplest radical form.

$$(4,0)$$
 and $(2,-9)$

9. Find the midpoint of the segment with the following endpoints.

$$(3,1)$$
 and $(-7,-9)$

10. The midpoint of \overline{AB} is M(2,4). If the coordinates of A are (-1,5), what are the coordinates of B?