

8 Review Day 9

Use the equation to fill in the table. Plot the points and connect them with a line. Answer the two questions.

$$y = -3x + 1$$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

Slope?

y -intercept?

$$y = \frac{5}{2}x - 4$$

x	y
-2	
0	
2	
4	
6	

Slope?

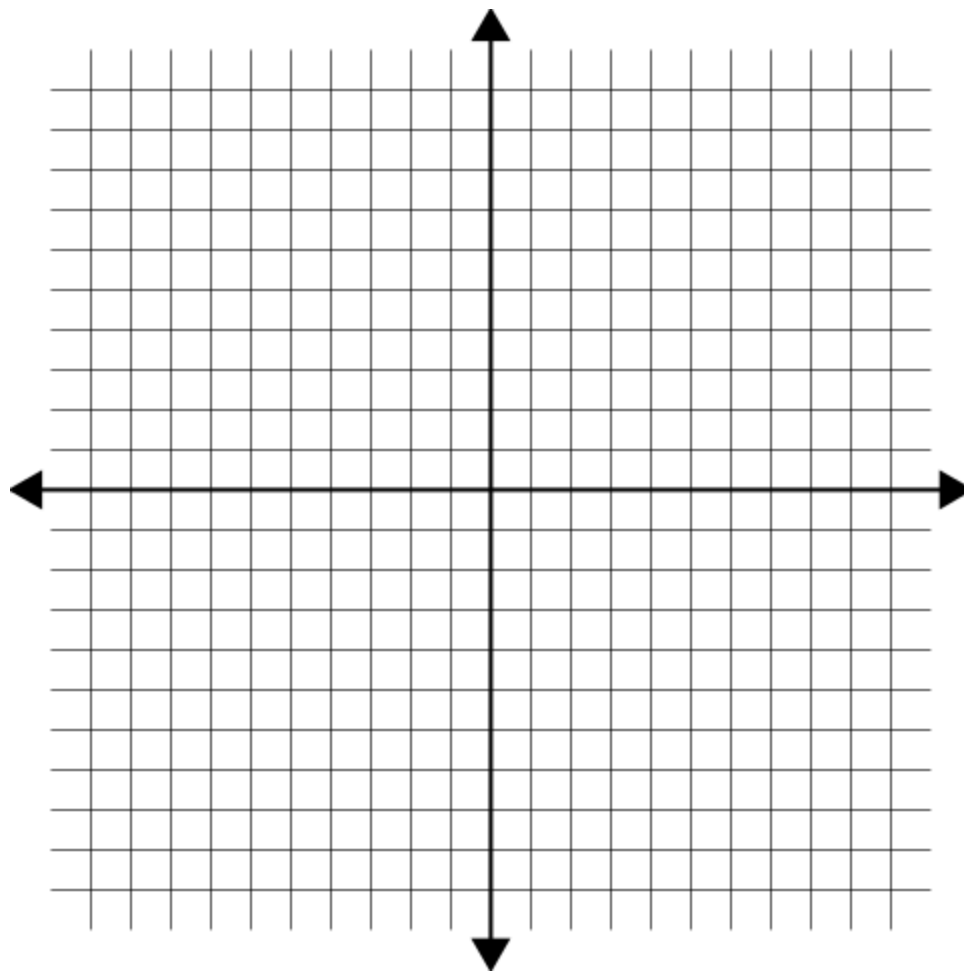
y -intercept?

$$y = \frac{4}{3}x + 3$$

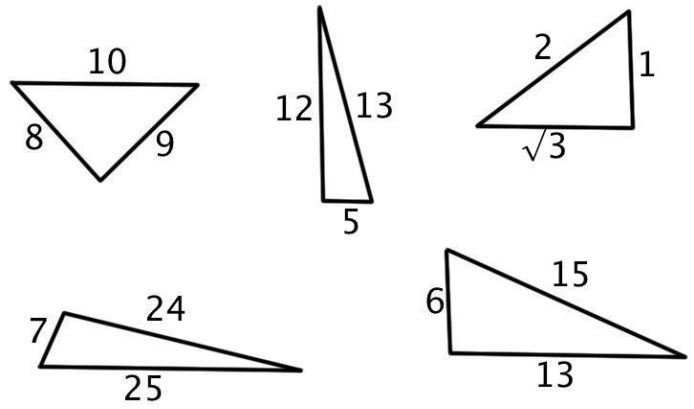
x	y
-9	
-6	
-3	
0	
3	
6	

Slope?

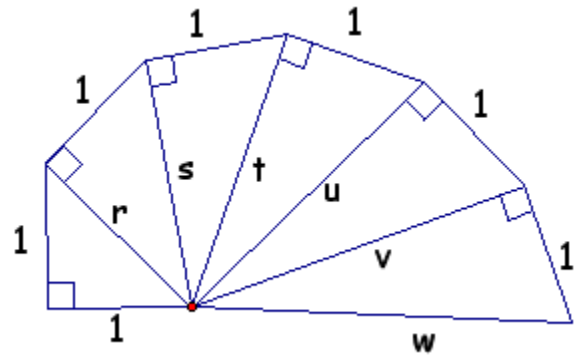
y -intercept?



Determine which, if any, of the triangles in the picture are right triangles.



Determine the lengths of $r, s, t, u, v,$ and w .



Determine the length of the segment connecting A and G .

