1	What point is 7 units above (3,0)?
2	What point is 3 units to the right of (6,7)?
3	The points (21,3), (31,11), and (21,11) are three corners of a rectangle. What is the fourth point?
4	What point is 1 units above (9,-6)?
5	What point is 4 units to the right of (6,-8)?

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6 What is the slope of the line x = y?
7 What is the slope of the line $y = x/7$?
8 What is the slope of the line whose equation is $2x - y = 1$?
9 What is the slope of the line $y = x/5$?
10 What is the slope of the line y = x/6 + 14 ?

11 What is the slope of the line $y = x/9 - 16$?	
12 What are the coordinates of the point at which the line that contains (-5,-3) and (0,-3) passes through the Y axis?)
13 A line going through (9,-7) has a slope of -2. What is the Y intercept of the line?	
14 What is the equation of the line whose X intercept is (-2,0) and whose Y intercept is ((0,3) ?
15 What point is 9 units below (3,9)?	

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1	ANSWER: (3,7)
2	ANSWER: (9,7)
	ANSWER: (31,3). EXPLANATION: Since one X value appears twice, and one Y value appears twice, the fourth point must be the one that would make the other X and Y values appear twice in the completed list of points.
4	ANSWER: (9,-5)
5	ANSWER: (10,-8)

6 ANSWER: 1	
7 ANSWER: 1/7	
8 ANSWER: 2. EXPLANATION: Subtract 2x from each side to make the equation read-2x + 1. Now multiply both sides by -1, and the equation reads y = 2x - 1. This is now the form y = mx + b, where m (2) is the slope.	
9 ANSWER: -1/5	
10 ANSWER: 1/6	

11	ANSWER: -1/9
12	ANSWER: (0,-3). EXPLANATION: This problem is very simple. Notice that the Y coordinate of both points is -3. Since the line is straight, every point will have the same Y value. Therefore, the Y intercept will be (0,-3).
13	ANSWER: (0,11). EXPLANATION: The Y axis is 9 units to the left of point (9,-7). Because it is to the left, we multiply 9 by the negative of the slope (2) to see that the line moves by 18 units in the Y direction from the given point to the Y intercept. Add this to the Y coordinate of (9,-7) to get the Y coordinate of the Y intercept.
14	ANSWER: $Y = 3X/2 + 3$. EXPLANATION: In going from the X intercept to the Y intercept the line changes by 3 in the Y direction, and by 2 in the X direction. The slope is therefore 3/2, and the Y intercept is given as 3.
15	ANSWER: (3,0)