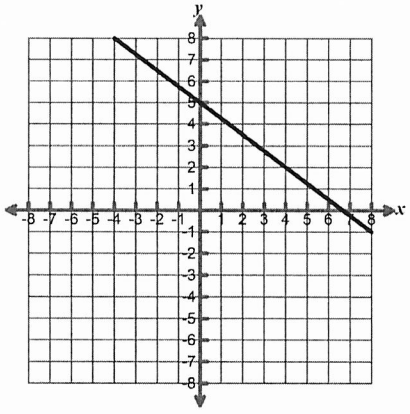
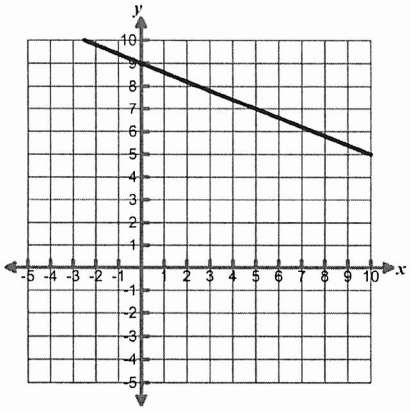
Name: _____ Representations of Linear Functions

Each Way

Use the given representation of the linear function to determine the requested information.

Given	Determine . . .	Answer
1. The linear function $y = \frac{5}{4}x - 3$	where the given function intersects the linear function graphed below 	

Given	Determine . . .	Answer
2. The graph of the linear function 	the x-coordinate for the point (_____ , 243).	

Given	Determine . . .	Answer
3. The linear function $y = \frac{5}{3}x - 4$	the range values that correspond with the following domain: $\{-5, -3, -1, 1, 3\}$.	

Given	Determine . . .	Answer
4. The linear function represented by the table: x | y 25 | 735 35 | 1035 50 | 1485 75 | 2235	the y-intercept of the given function.	

Given	Determine . . .	Answer
5. The linear function that passes through the point $(-3, 1.5)$ and when the value of x increases by one unit, the value of y decreases by 3 units.	if the line $-9x + 3y = 15$ is parallel to the given line.	

Given	Determine . . .	Answer
6. The linear function $x + 2y = 5$	a description of the error made when graphing the given line.