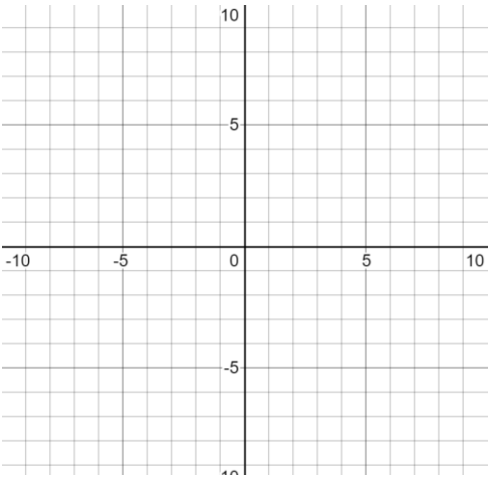
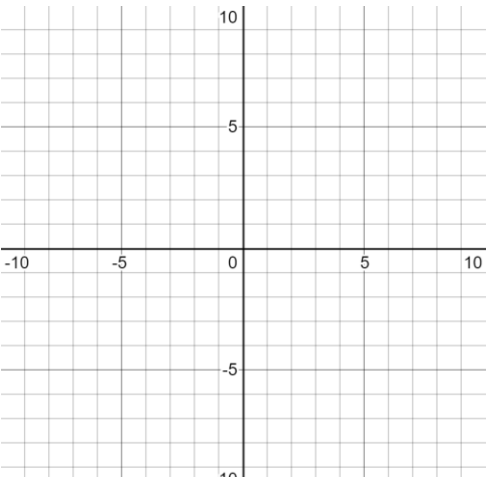
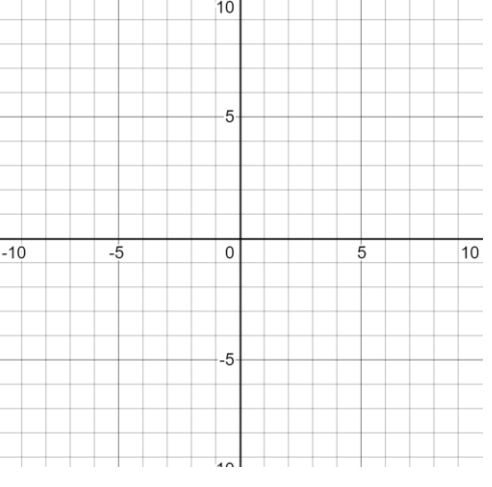
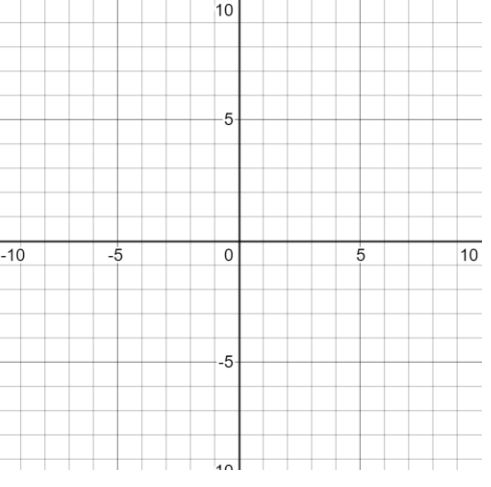


Name:

**Section 2.2a – Graphing Linear Equations – Proficiency Check**

Graph the following equations

**EMERGING**

 $y = -\frac{3}{5}x + 6$	 $y = \frac{2}{7}x - 3$																				
$2x + 6y = 6$ <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tbody> <tr> <td style="padding: 5px;"><math>x</math></td> <td style="width: 30px;"></td> <td style="width: 30px;"></td> <td style="width: 30px;"></td> <td style="width: 30px;"></td> </tr> <tr> <td style="padding: 5px;"><math>y</math></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 	$x$					$y$					$5x - 2y = -10$ <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tbody> <tr> <td style="padding: 5px;"><math>x</math></td> <td style="width: 30px;"></td> <td style="width: 30px;"></td> <td style="width: 30px;"></td> <td style="width: 30px;"></td> </tr> <tr> <td style="padding: 5px;"><math>y</math></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 	$x$					$y$				
$x$																					
$y$																					
$x$																					
$y$																					

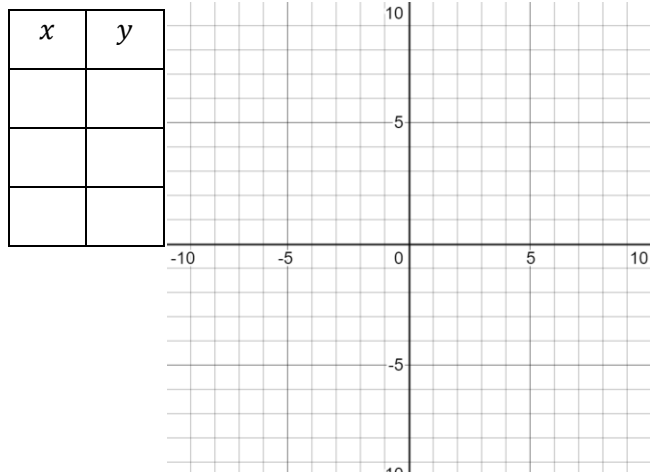
What is the slope of the line that connects the given points.

$(4, 7)$ and $(-3, 9)$	$(2, 5)$ and $(-3, 5)$	$(4, -3)$ and $(4, 9)$
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**PROFICIENT**

Graph the following equation

$$\frac{x}{3} - \frac{5}{3}y = 2$$



**EXTENDING**

Graph the following equation

$$2x - 3y = 4$$

