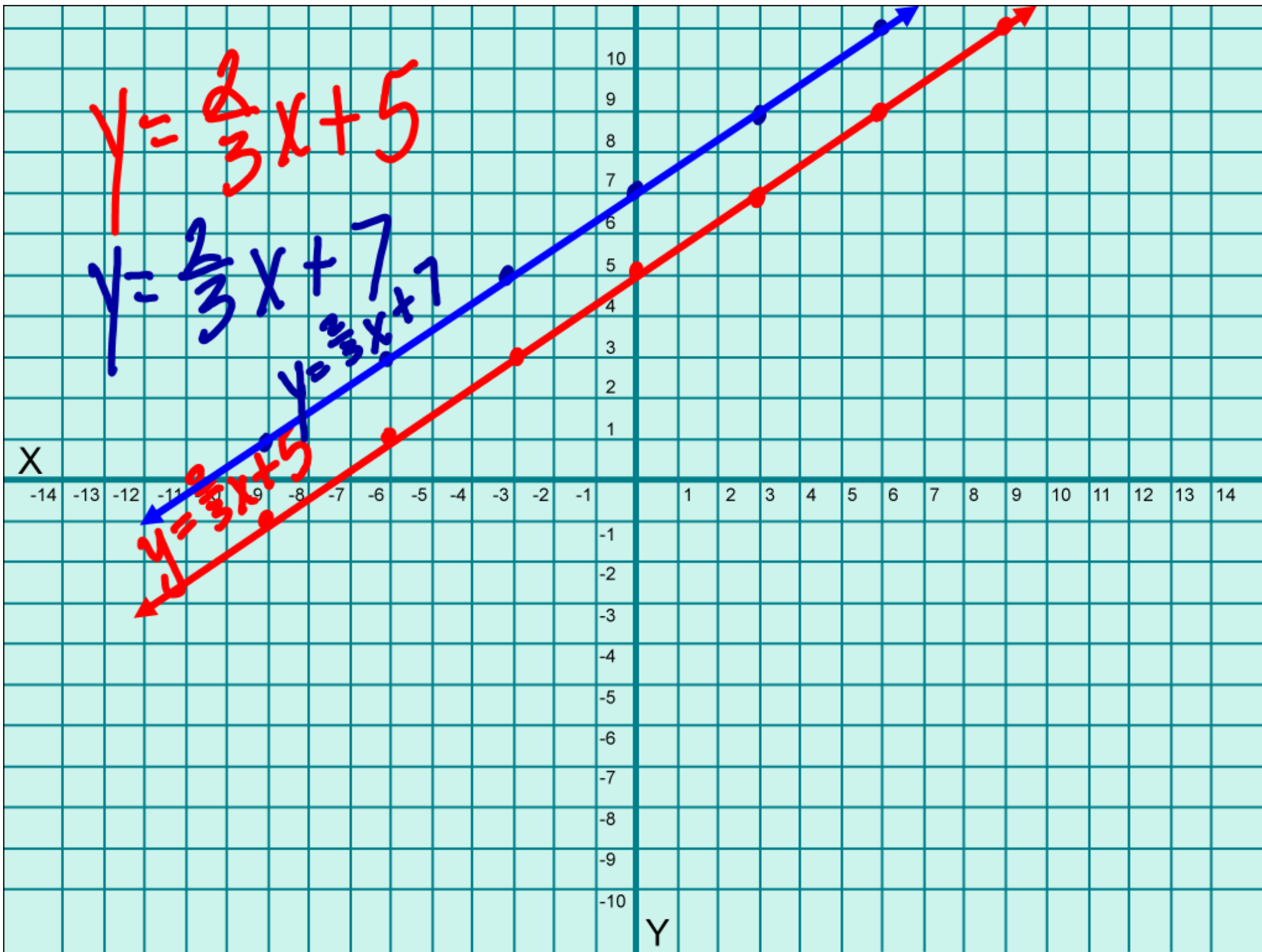


5.6 Parallel

Same slope

different y-intercept



Perpendicular

Right Angle

Slopes opposites + -  
reciprocal

Slope

$$\frac{2}{3}$$

$$-5$$

$$7$$

$$\frac{1}{8}$$

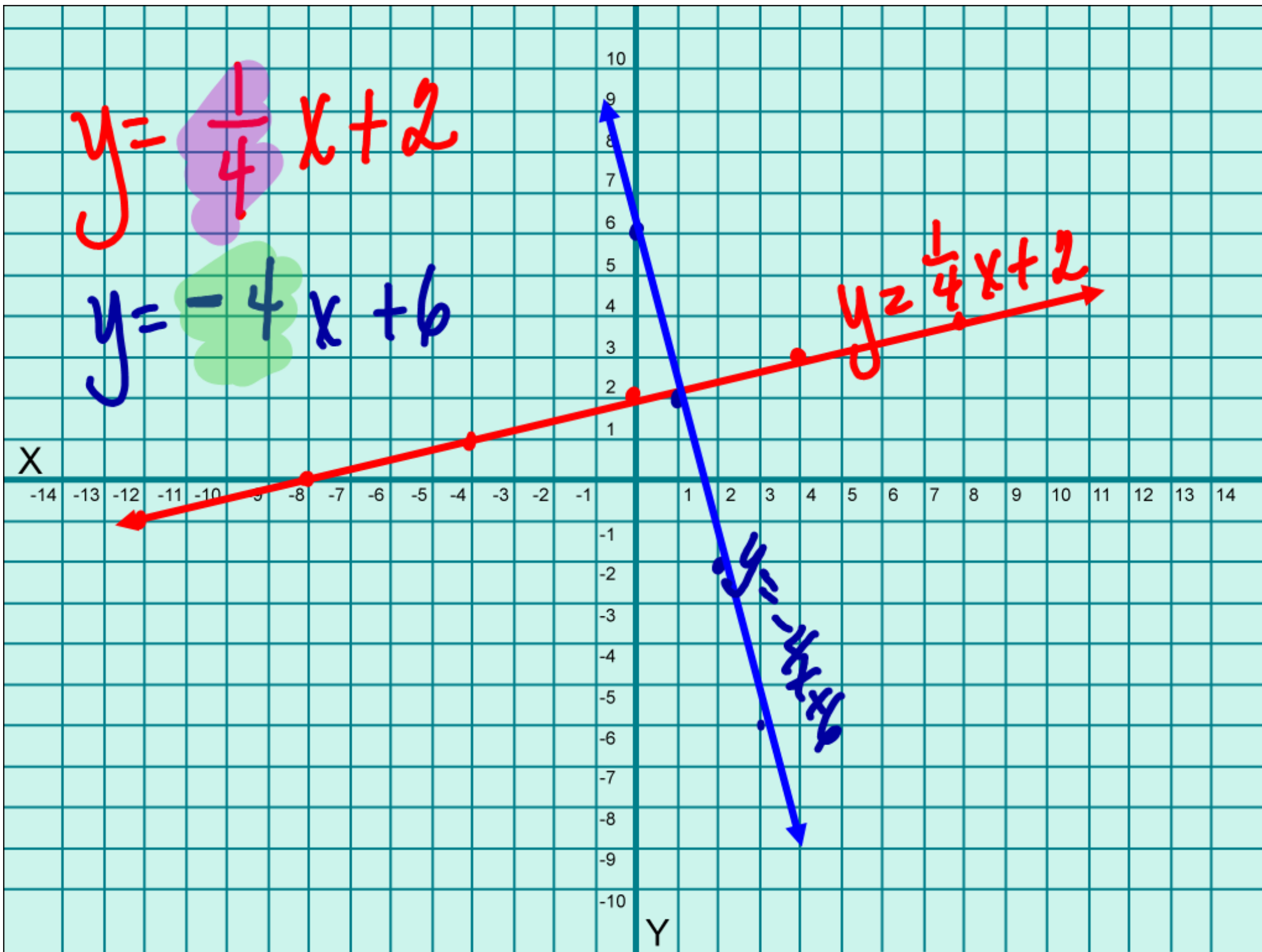
⊥ Slope

$$-\frac{3}{2}$$

$$\frac{1}{5}$$

$$-\frac{1}{7}$$

$$-8$$



$$y = 3x + 8$$

$$\perp m = -\frac{1}{3}$$

$$x + 2y = 6$$

$-x$                        $-x$

$$m = -\frac{A}{B}$$

$$m = -\frac{1}{2}$$

$$2y = -\frac{x}{2} + \frac{6}{2}$$

$$y = -\frac{1}{2}x + 3$$

$$\left[ \begin{array}{l} -\frac{x}{2} \\ -\frac{1}{2}x \end{array} \right]$$

$$\perp m = 2$$

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1-4 All

16-38 E

