Name: _____   Date: _____

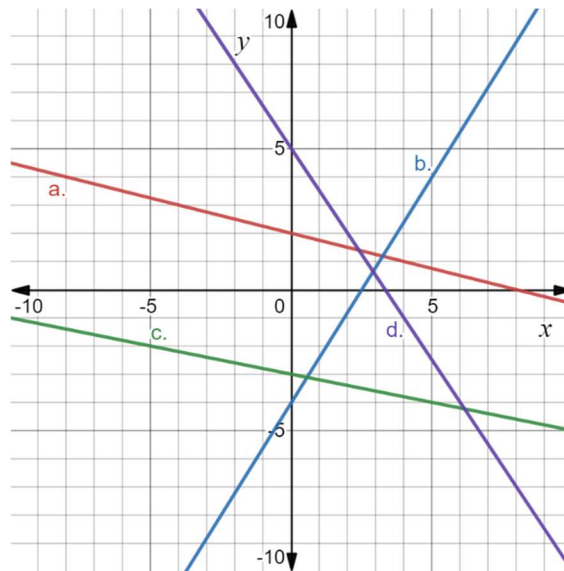| **Learning Goal 9.1**	Solving linear equations.

Assignment – Answers

1. Graph the following lines on the grid provided. Make sure to label your lines clearly.

   a. $y = -\dfrac{1}{4}x + 2$ b. $y = \dfrac{8}{5}x - 4$ c. $y = -\dfrac{1}{5}x - 3$ d. $y = -\dfrac{3}{2}x + 5$
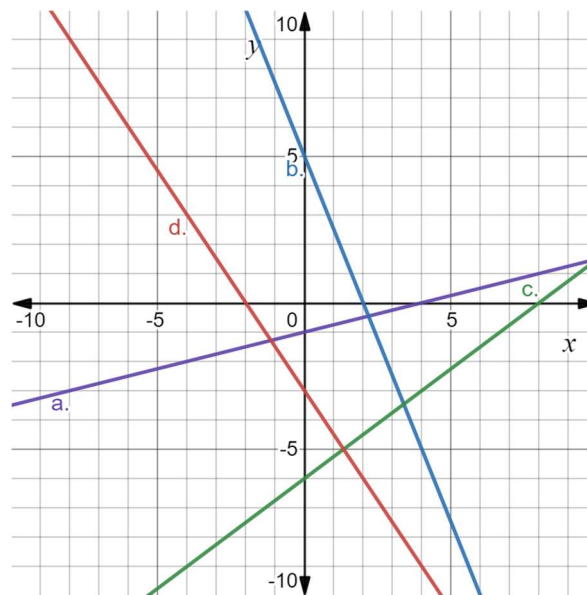

2. Graph the following lines on the grid provided. Make sure to label your lines clearly.
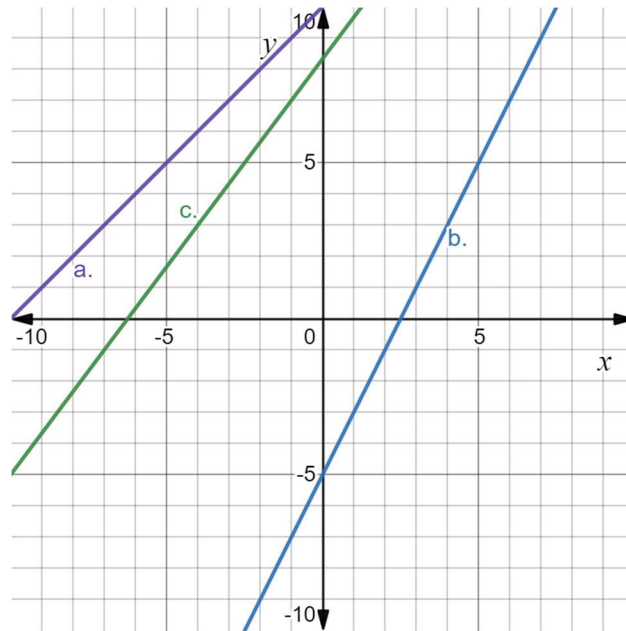
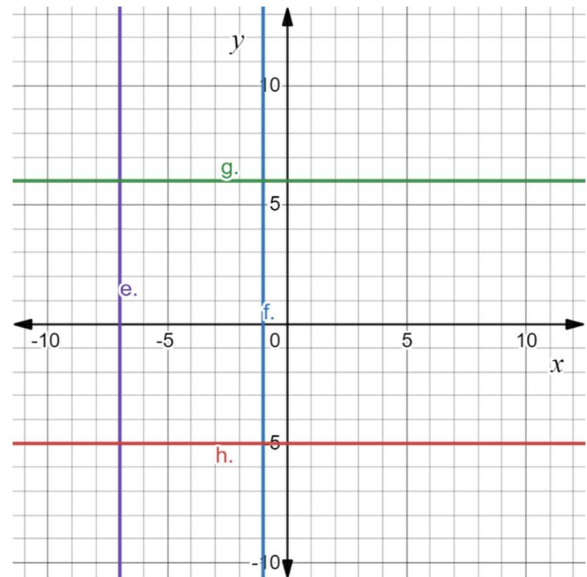   a. $x - 4y = 4$ b. $5x + 2y = 10$ c. $3x - 4y = 24$ d. $\dfrac{1}{2}x + \dfrac{1}{3}y = -1$
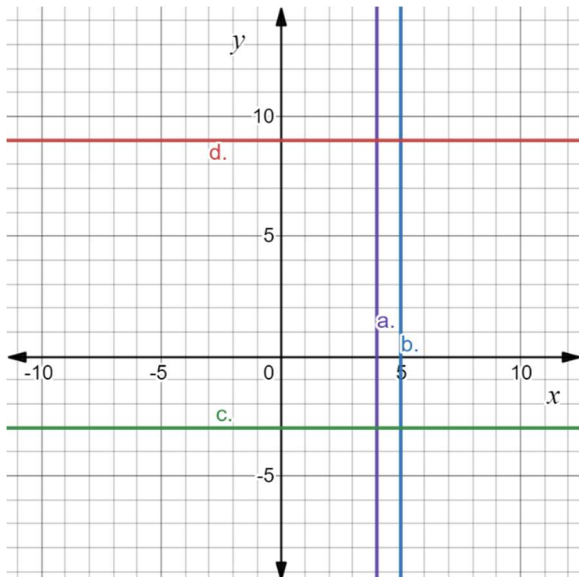

Assignment   Handout   Quiz Next Day!

3. Graph the following lines on the grid provided. Make sure to label your lines clearly.

a. $$y - 5 = (x + 5)$$

b. $$y + 3 = 2(x - 1)$$

c. $$y + 1 = \frac{4}{3}(x + 7)$$

4. Graph the following lines on the grid provided. Make sure to label your lines clearly.

a. $x = 4$ b. $x - 5 = 0$ c. $y = -3$ d. $y - 9 = 0$

e. $x = -7$ f. $x + 1 = 0$ g. $y = 6$ h. $y + 5 = 0$