Name: _____   Date: _____

Learning Goal 4.2	I can graph and describe linear relations.

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

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

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. $x = -7$

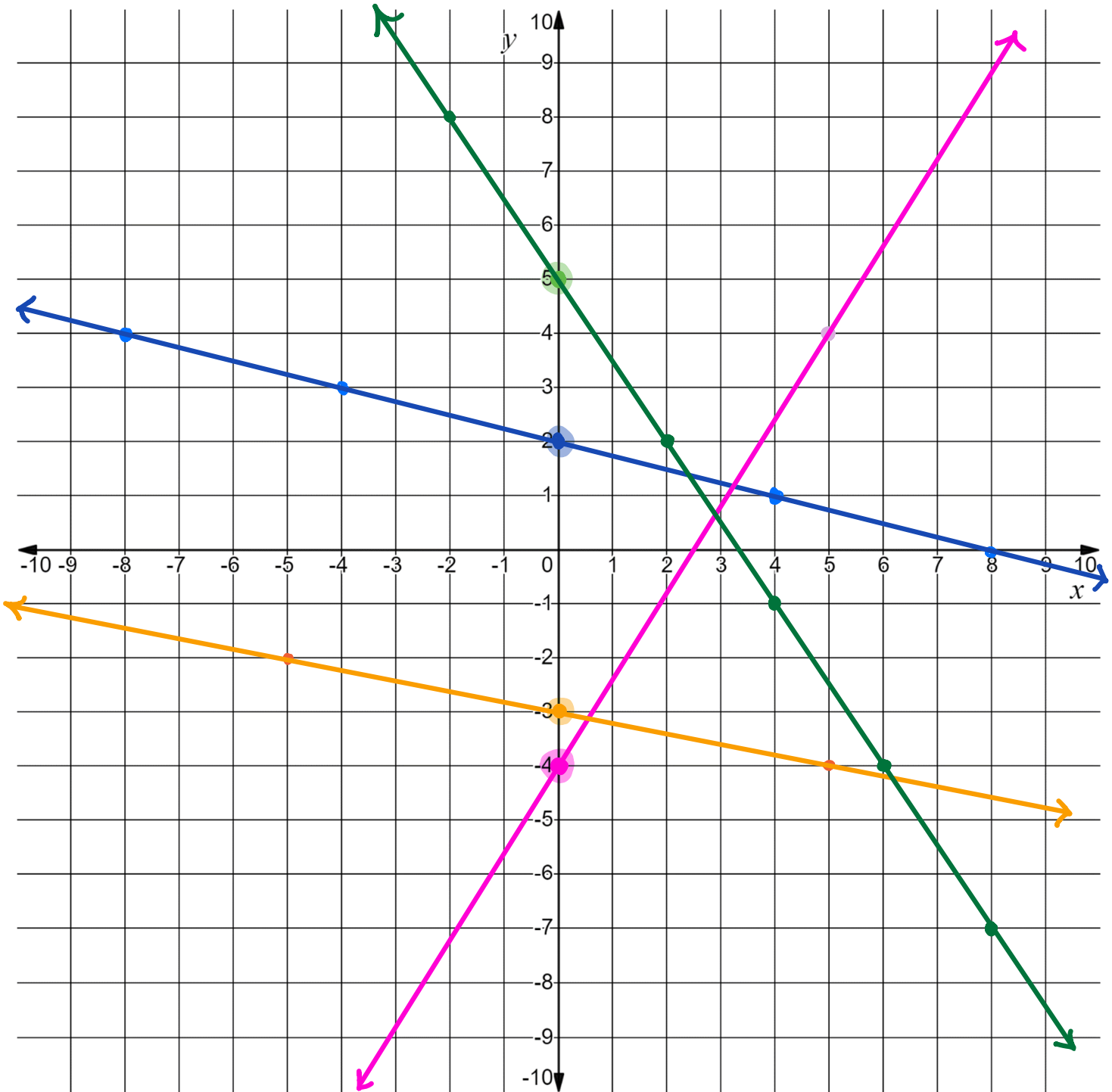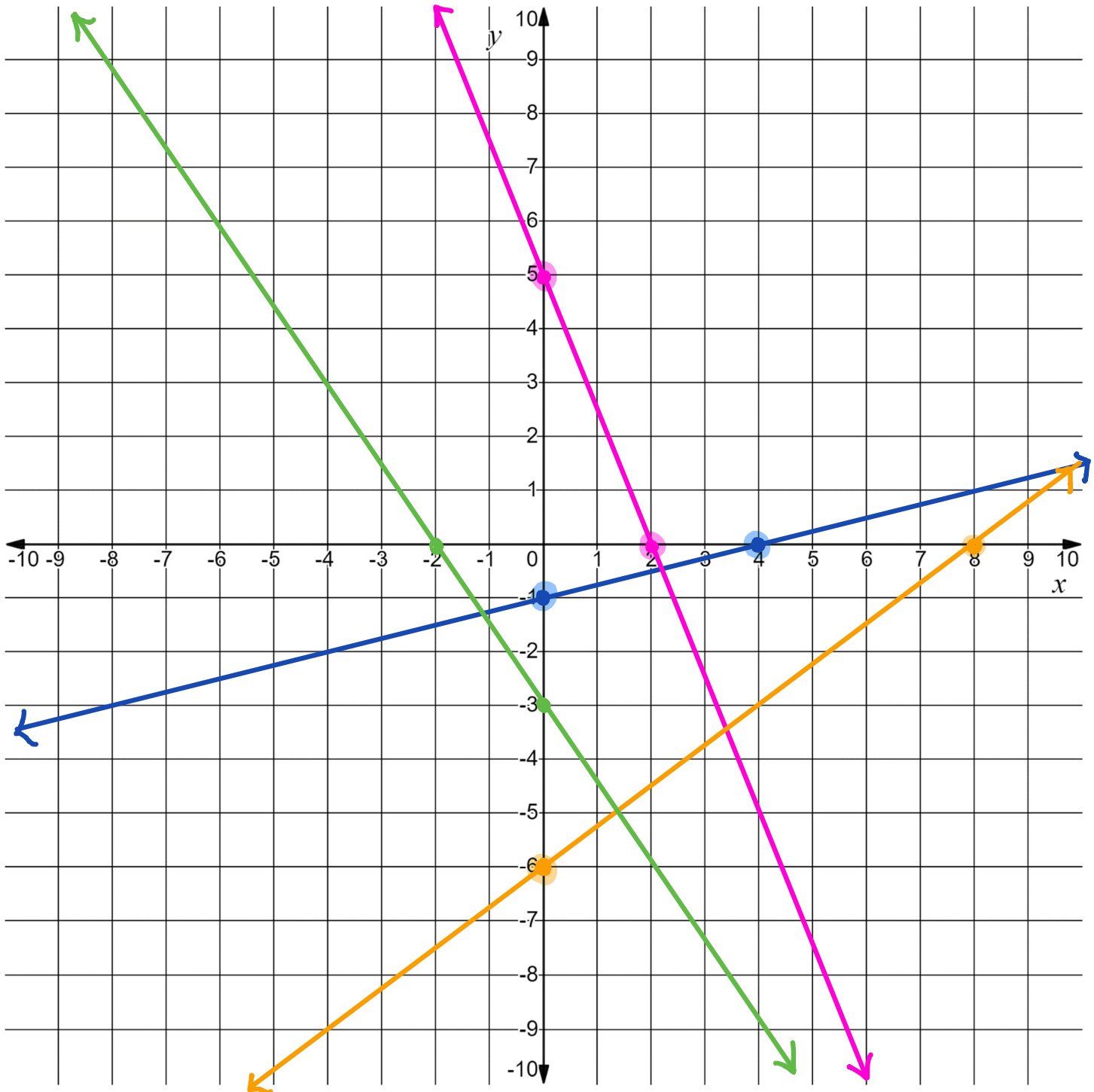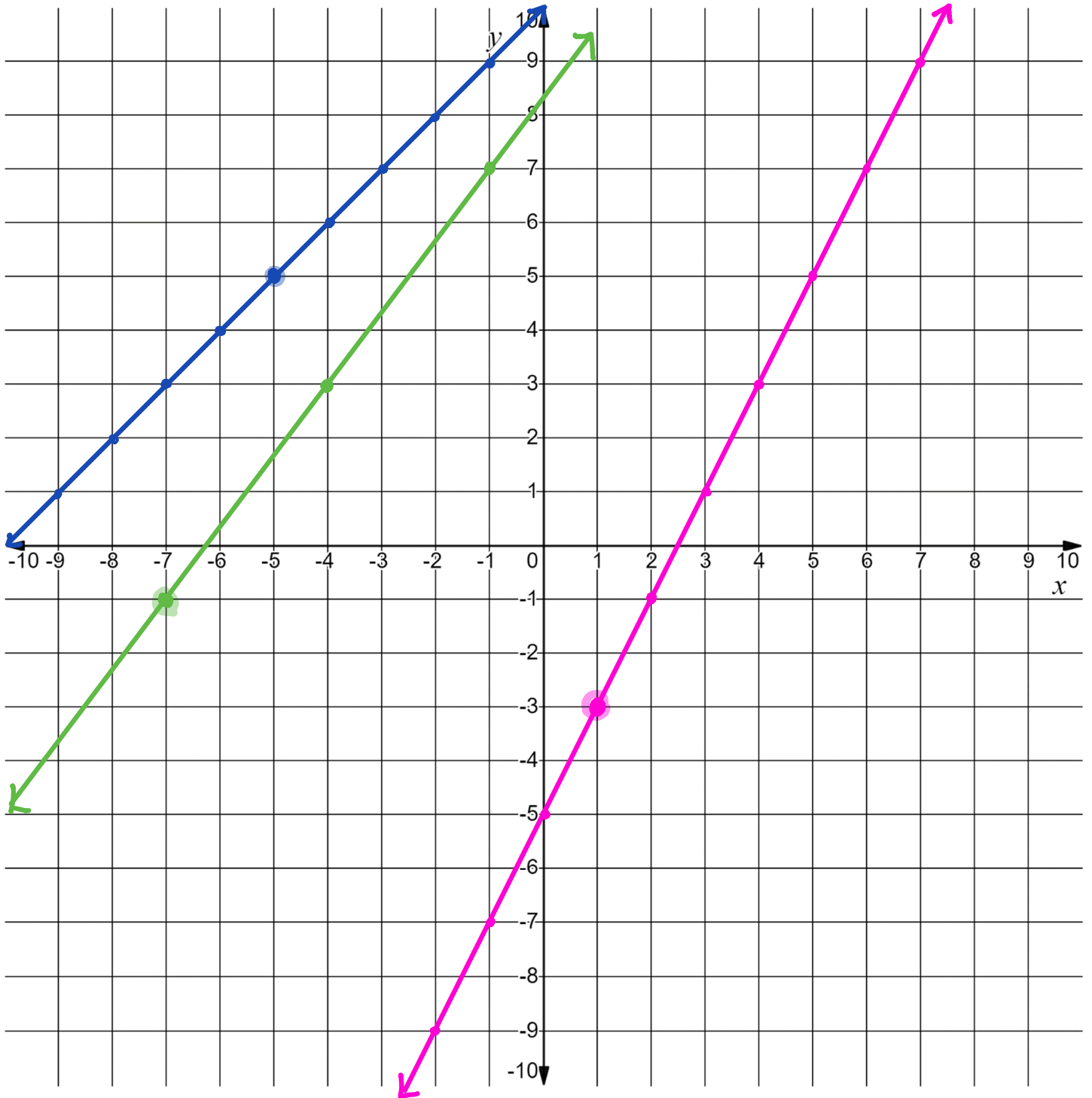   f. $x + 1 = 0$

   g. $y = 6$

   h. $y + 5 = 0$

Question _____ **1**   slope-intercept form

Chapter 4
Section 4.3 Another Form of the Equation
for a Linear Relation - Assignment
Linear Relations

Question _____2_____ Standard Form

Question ___3___   Slope-point form

Question ____4____   Horizontal and Vertical Lines.