

Name _____

Where's the Meeting?

Mrs. Nelson's class has a project to do. Each pair is meeting in a different location of the school to work on it. Use a different colored pencil to graph each set of equations to find the location of each pair's meeting.

Joel and Ryan:

$$y = -2x + 5$$

$$y = 3x$$

Meeting Place: _____

Sarah and Alyssa:

$$y - 1 = \frac{1}{4}(x + 5)$$

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

Meeting Place: _____

Keisha and Ramone:

$$y = -\frac{1}{5}x - 6$$

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

Meeting Place: _____

JJ and Carson:

$$y = \frac{3}{4}x - 7$$

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

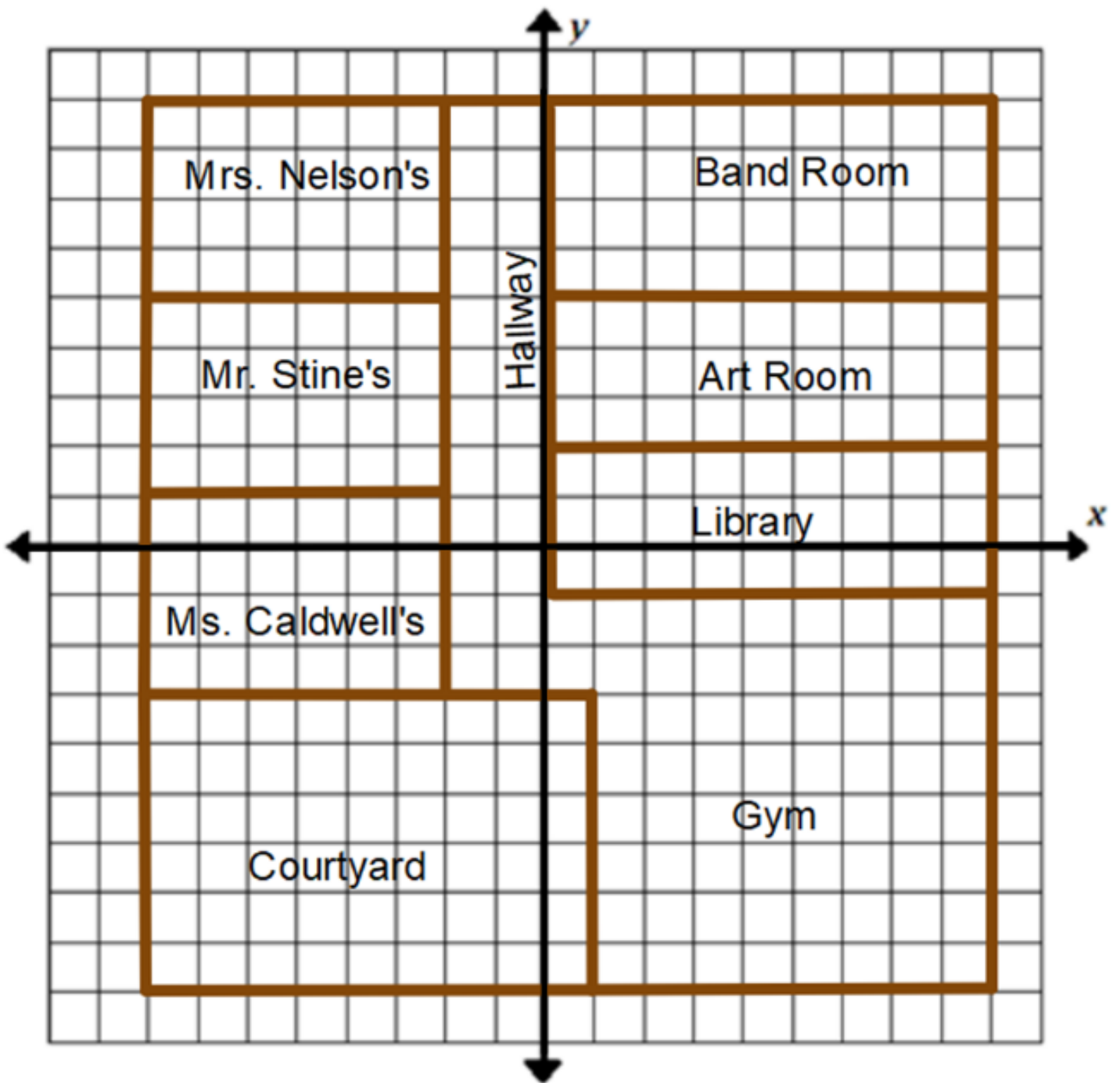
Meeting Place: _____

Maddy and Kim:

$$3x - 9y = 9$$

$$4x + 3y = 27$$

Meeting Place: _____



Where's the Meeting? Answer Key

Mrs. Nelson's class has a project to do. Each pair is meeting in a different location of the school to work on it. Use a different colored pencil to graph each set of equations to find the location of each pair's meeting.

Joel and Ryan:

$$y = -2x + 5$$

$$y = 3x$$

Meeting Place: Art Room (1, 3)

Sarah and Alyssa:

$$y - 1 = \frac{1}{4}(x + 5)$$

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

Meeting Place: Hallway (-1, 2)

Keisha and Ramone:

$$y = -\frac{1}{5}x - 6$$

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

Meeting Place: Courtyard (-5, 5)

JJ and Carson:

$$y = \frac{3}{4}x - 7$$

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

Meeting Place: Gym (4, -4)

Maddy and Kim:

$$3x - 9y = 9$$

$$4x + 3y = 27$$

Meeting Place: Library (6, 1)

