

Please go straight into homework groups. Finish bellwork #20 and then check homework answers. Solutions below:

1) (4, 5)
5) (-7, 1)
9) (-2, 1)

2) (-1, 0)
6) (-4, -3)
10) (2, -1)

3) (0, -7)
7) (-2, 2)
11) (-2, 4)

4) (-10, 10)
8) (-8, 2)
12) (-4, -1)

We will begin bellwork presentations in less than 10 minutes.

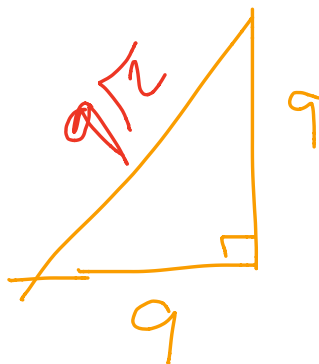
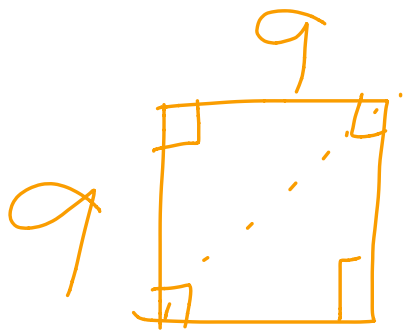
Please answer the following question in complete sentences:

How do you determine which method of solving systems is the most appropriate?

Solve, using the method you deem most appropriate:

$$\frac{1}{2}x + 3y = 11$$

$$8x - 5y = 17$$



$$45^\circ : 45^\circ : 90^\circ$$

$$x : x : x\sqrt{2}$$

$$A = \frac{1}{2} h(b_1 + b_2)$$

$$A = 48$$

$$h = 6$$

$$48 = \frac{1}{2} 6(7 + b_2) \quad b_1 = 7$$

$$48 = 3(7 + b_2)$$

$$48 = 21 + 3b \quad q = 10$$

$$-21 \quad -21$$

$$\frac{27}{3} = \frac{3b}{3}$$

$$q = b_2$$

$$-x - \frac{2}{3}y + \frac{2}{3} = 0$$

Solve
by
Graphing

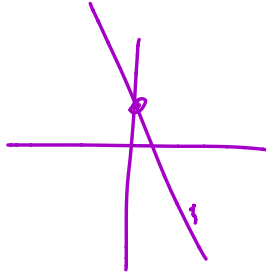
$$-y + 3 = \frac{1}{2}x$$

→ $y = mx + b$

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

$$-\frac{3}{2} \left(-\frac{2}{3}y = -x - \frac{2}{3} \right)$$

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



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

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

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