

## ECA Algebra Review (Geometry)

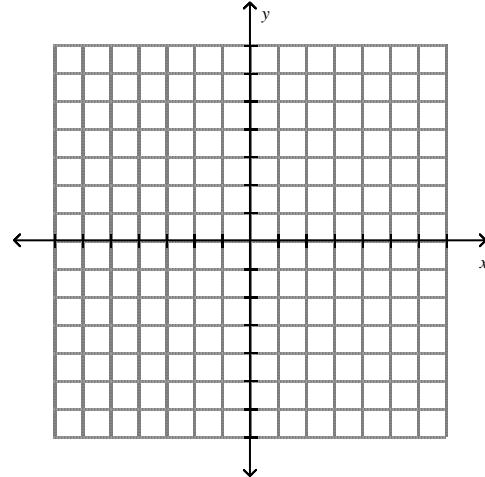
Day 11a

1) Solve:

$$(x + 3)^2 = 9$$

2) Solve the following system:

$$\begin{aligned} y &\leq 1/2x + 1 \\ y &\leq 3x + 3 \end{aligned}$$



3) Solve the following system:

$$\begin{aligned} 5x - 5y &= -25 \\ -2x + 10y &= 42 \end{aligned}$$

4) Solve:

$$4x^2 - 17x - 15 = 0$$

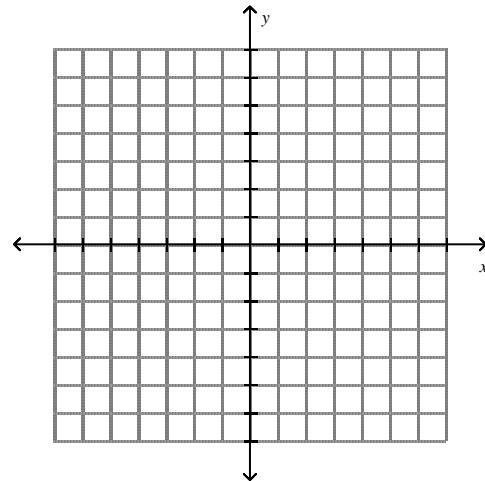
**ECA Algebra Review (Geometry)**  
Day 11b

1) Solve:

$$10x^2 + 19x + 6 = 0$$

2) Solve the following system:

$$\begin{aligned} y &> \frac{1}{2}x - 1 \\ y &< 3x + 2 \end{aligned}$$



3) Solve the following system:

$$\begin{aligned} 5y &= 2x + 6 \\ y &= 5x - 8 \end{aligned}$$

4) Solve:

$$5x^2 - 15x - 20 = 0$$