

ECA Algebra Review (Geometry)
Day 13a

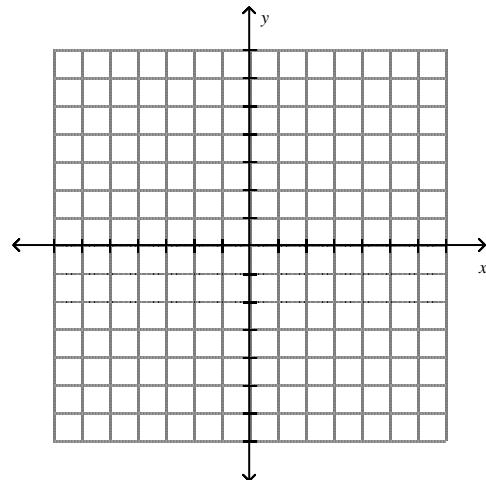
1) Mr. Smith keeps ten and twenty bills in his dresser drawer. He has one less than twice as many tens as twenties. He has \$550 altogether. How many ten dollar bills does he have?

2) Without solving, state whether the following system has one solution, no solution or infinite solutions:

$$\begin{aligned}3x - y &= 9 \\x - y &= 3\end{aligned}$$

3) Solve $x^2 + 6x - 5 = 0$

4) Solve by graphing: $3x + 2y = 7$
 $y = -3x + 11$



ECA Algebra Review (Geometry)
Day 13b

1) LN sold 227 tickets for a play. Adult tickets sold for \$5 and student tickets were \$2. How many adult tickets were sold if the ticket sales totaled \$574?

2) Without solving, state whether the following system has one solution, no solution or infinite solutions:

$$\begin{aligned}3x - y &= 2 \\x + y &= 2\end{aligned}$$

3) Solve $2x^2 + 3x - 5 = 0$

4) Solve the following system:

$$\begin{aligned}y &\leq x - 3 \\y &> x - 7\end{aligned}$$

