

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?

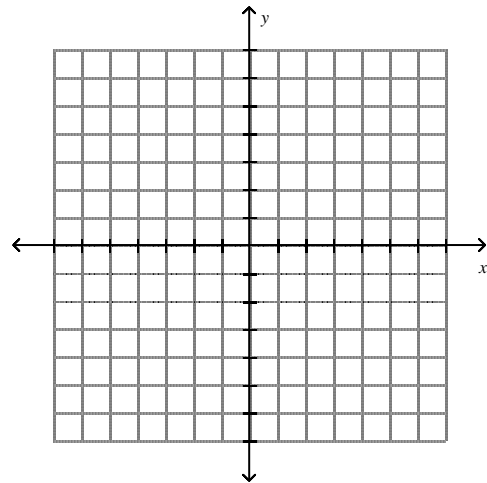
2) Without solving, state whether the following system has one solution, no solution or infinite solutions:

$$3x - y = 9$$

$$x - y = 3$$

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:

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

