

1) $17 - 3(5 - 4x) = 44 + 6(2x - 7)$

Check your answer (Ans = all real numbers)

2) $\frac{5x}{2} - \frac{14}{9} = \frac{4(2x - 5)}{3} + 5$

Check your answer (Ans = 2/3)

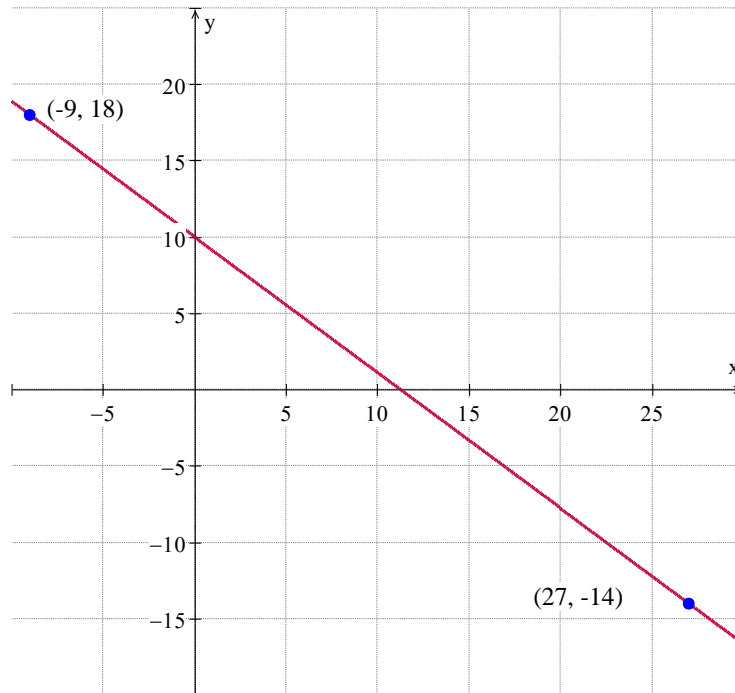
3) Solve for y: $3x + 4y + 7 = -2x + y + 11$

(Ans: $y = (4 - 5x)/6$)

4) $3x(2x - 5) = 5x + 154$

Check your answer (Ans = 7, -11/3)

5) Find the equation of the line through $(-9, 18)$ & $(27, -14)$. (Ans: $y = (-8/9)x + 10$)



6) Graph your answer to #5 in the window $[-10, 30] \times [-20, 25]$ $x\text{scl} = 5$, $y\text{scl} = 5$.

7) Plot $y = 0.5x - 15$ then find the intersection between these lines using your TI features.

