

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

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

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

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

5) Find the equation of the line through  $(-9, 18)$  &  $(27, -14)$ .

6) Graph your answer to #5 in the window  $[-10, 30] \times [-20, 25]$  xscl = 5, yscl = 5.

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