

**Do NOT move the desk!!**  
**Turn your phone OFF!!**  
**Put your phone up!!**  
**Sit down!!**  
**Be quiet!!**  
**Prepare to work!!**  
**Keep your hands to yourself!!**

$$3) \underline{23x} - 14 - \underline{7x} = 82$$

✓ solution

$$23(6) - 14 - 7(6)$$

(82)

$$\begin{array}{r} 16x - 14 = 82 \\ + 14 \quad + 14 \\ \hline 16x = 96 \\ \frac{16x}{16} = \frac{96}{16} \\ x = 6 \end{array}$$

$$\begin{aligned} 1) \quad & \underline{-17x} - 22 - \underline{8x} = 128 \\ & -25x - 22 = 128 \\ & \quad \quad +22 \quad +22 \\ \hline & \quad \quad -25x = 150 \\ & \quad \quad \underline{-25} \quad \underline{-25} \\ & \quad \quad x = -6 \end{aligned}$$

$$\begin{array}{r} 5) \quad \underline{14x} + 43 - \underline{25x} = 219 \\ \quad -11x + 43 = 219 \\ \quad \quad \underline{-43 \quad -43} \\ \quad \quad -11x = \underline{176} \\ \quad \quad \underline{-11 \quad -11} \\ \quad \quad X = -16 \end{array}$$

$$31) \quad \underline{66x} - 37 - \underline{23x} = 49$$

$$43x - 37 = 49$$

$$\begin{array}{r} +37 \quad +37 \\ \hline \end{array}$$

$$43x = \underline{86}$$

$$\begin{array}{r} 43 \quad 43 \\ \hline \end{array}$$

$$x = 2$$

$$\begin{aligned} 30) \quad & \underline{45x - 21} - \underline{19x} = -225 \\ & 26x - 21 = -225 \\ & \quad \quad +21 \quad \quad +21 \\ & \hline & \underline{26x} = \underline{-204} \\ & 26 \quad \quad 26 \\ & x = \frac{-102}{13} \end{aligned}$$

$$6) \quad \underline{18x + 51} - \underline{47x} = 225$$

$$-29x + 51 = 225$$

$$\begin{array}{r} -51 \quad -51 \\ \hline -29x = 174 \end{array}$$

$$\begin{array}{r} -29x = 174 \\ \hline -29 \quad -29 \\ \hline x = -\frac{174}{29} \end{array}$$

$$15.) \quad 14x + 25 - 11x = 37$$

$$\begin{array}{r} 3x + 25 = 37 \\ -25 \quad -25 \end{array}$$

$$\frac{3x}{3} = \frac{12}{3}$$

$$x = 4$$



$$21.) \quad \underline{51x} + 18 - \underline{29x} = -114$$

$$22x + 18 = -114$$

$$\begin{array}{r} -18 \\ \hline +22x = 132 \\ \hline 22 \end{array}$$

