


Circuit Training – Linear Equations

Name _____

Solve each equation in the space provided. Find your answer among the choices. Put #2 in the problem blank. Work that question and proceed in this manner until finished.

<p>Answer: $x = 7$ #1 $x + 7 = 9$ $\begin{array}{r} x + 7 = 9 \\ -7 \quad -7 \\ \hline x = 2 \end{array}$</p> 	<p>Answer: $x = 20$ # _____ $-2(x+5)=14$</p>
<p>Answer: $x = 1$ # _____ $3(x+2)-4(x+1)+5=5(x+3)-8$</p>	<p>Answer: $x = 2$ # <u>2</u> $\frac{3x}{3} = \frac{-6}{3}$ $x = -2$ (find $x = -2$ and that will be # <u>3</u>)</p>
<p>Answer: $x = 28$ # _____ $3x - 5 = 7$</p>	<p>Answer: $x = 4$ # _____ $-2x + 8 = 10$</p>
<p>Answer: $x = 12$ # _____ $\frac{x-2}{6} = 3$</p>	<p>Answer: $x = -5$ # _____ $5 - x + 2x + 7 = -3x + 18 + 3x$</p>

Answer: $x = -12$
_____ $3 - (4x + 5) = -22$

Answer: $x = 0$
_____ $\frac{1}{3}x + \frac{1}{4} = \frac{3}{4}$

Answer: $x = 5$
_____ $2x + 5 - 3x = 6 - 4x + 2$

Answer: $x = -2$
_____ $4 - x = 7$

Answer: $x = 3/2$
_____ $-2(x - 3) = -(x - 11)$

Answer: $x = 6$
_____ $\frac{3}{4}(x + 8) - \frac{1}{4}x = 2x - \frac{9}{2}$

Answer: $x = -3$
_____ $\frac{x}{4} = 7$

Answer: $x = -1$
_____ $\frac{x}{6} + 3 = 5$