

Name: Key

Date: _____

Mrs. Roubos

8R Period _____

HOMEWORK

<p>1) Solve the equation & state the property used:</p> $\begin{array}{r} x - 28 = 76 \\ +28 \quad +28 \\ \hline x = 104 \end{array}$ <p>Addition Property of Equality</p>	<p>2) Solve the equation & state the property used:</p> $\begin{array}{r} y - 17 = -75 \\ +17 \quad +17 \\ \hline y = -58 \end{array}$ <p>Addition Property of Equality</p>
<p>3) Solve the equation & state the property used:</p> $\begin{array}{r} r + 6 = 32 \\ -6 \quad -6 \\ \hline r = 26 \end{array}$ <p>Subtraction Property of Equality</p>	<p>4) Solve the equation & state the property used:</p> $\begin{array}{r} z - 4 = 49 \\ +4 \quad +4 \\ \hline z = 53 \end{array}$ <p>Addition Property of Equality</p>
<p>5) Solve the equation & state the property used:</p> $\begin{array}{r} y + 16 = 20 \\ -16 \quad -16 \\ \hline y = 4 \end{array}$ <p>Subtraction Property of Equality</p>	<p>6) Solve the equation and check:</p> $\begin{array}{r} 62 = 12 + x \\ -12 \quad -12 \\ \hline 50 = x \\ \text{or} \\ x = 50 \end{array}$ <p>Check</p> $\begin{array}{l} 62 = 12 + x \\ 62 = 12 + 50 \\ 62 = 62 \\ \checkmark \end{array}$
<p>7) Solve the equation and check:</p> $\begin{array}{r} w + 21 = -78 \\ -21 \quad -21 \\ \hline w = -99 \end{array}$ <p>Check</p> $\begin{array}{l} w + 21 = -78 \\ (-99) + 21 = -78 \\ -78 = -78 \\ \checkmark \end{array}$	<p>8) Solve the equation and check:</p> $\begin{array}{r} x + 9 = 88 \\ -9 \quad -9 \\ \hline x = 79 \end{array}$ <p>Check</p> $\begin{array}{l} x + 9 = 88 \\ (79) + 9 = 88 \\ 88 = 88 \\ \checkmark \end{array}$
<p>9) Solve the equation and check:</p> $\begin{array}{r} r - 16 = 28 \\ +16 \quad +16 \\ \hline r = 44 \end{array}$ <p>Check</p> $\begin{array}{l} r - 16 = 28 \\ (44) - 16 = 28 \\ 28 = 28 \\ \checkmark \end{array}$	<p>10) Solve the equation and check:</p> $\begin{array}{r} 65 = z - 19 \\ +19 \quad +19 \\ \hline 84 = z \\ \text{or} \\ z = 84 \end{array}$ <p>Check</p> $\begin{array}{l} 65 = z - 19 \\ 65 = (84) - 19 \\ 65 = 65 \\ \checkmark \end{array}$