

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!!

Pg. 72

$$\begin{array}{r} 6) \quad 9z = 5z + 16 \\ \quad -5z \quad -5z \\ \hline \quad 4z = 16 \\ \quad \frac{4z}{4} = \frac{16}{4} \\ \quad z = 4 \end{array}$$

$$\begin{array}{r} 3) \quad 3y = 4y - 6 \\ \quad -y \quad -y \\ \hline \quad 2y = -6 \\ \quad \frac{2y}{2} = \frac{-6}{2} \\ \quad y = -3 \end{array}$$

$$\begin{array}{r}
 15) \quad 5m - 18 = 6m + 4 \\
 \underline{-6m \quad -6m} \\
 -1m - 18 = 4 \\
 \quad \underline{+18 \quad +18} \\
 \underline{-1m = 22} \\
 \quad \underline{-1 \quad -1} \\
 \quad \quad m = -22
 \end{array}$$

$$\begin{array}{r}
 13) \quad 12p + p = 5 - 2p \\
 \underline{12p} \\
 13p = 5 - 2p \\
 \quad \underline{+2p \quad +2p} \\
 \underline{15p = 5} \\
 \quad \underline{15 \quad 15} \\
 \quad \quad p = \frac{5}{15} = \frac{1}{3}
 \end{array}$$

$$\begin{array}{r} 11) \quad 5u - u = u + 15 \\ \hline 4u = u + 15 \\ -u \quad -u \\ \hline 3u = 15 \\ \frac{3}{3} \quad \frac{3}{3} \\ u = 5 \end{array}$$

$$\begin{array}{r} 32) \quad -7(4x + 2) = 5(2x + 1) \\ \hline -28x - 14 = 10x + 5 \\ -10x \quad -10x \\ \hline -38x - 14 = 5 \\ +14 \quad +14 \\ \hline -38x = 19 \\ \frac{-38}{-38} \quad \frac{19}{-38} \\ x = -\frac{1}{2} \end{array}$$

$$27) 3(u-3) = 4(u+3)$$

$$3u - 9 = 4u + 12$$

$$\begin{array}{r} -4u \qquad -4u \\ \hline \end{array}$$

$$-1u - 9 = 12$$

$$\begin{array}{r} +9 \quad +9 \\ \hline \end{array}$$

$$-1u = 21$$

$$\begin{array}{r} -1 \quad -1 \\ \hline \end{array}$$

$$u = -21$$

$$31) -4(3x + 2) = 3(6x - 6)$$

$$\begin{array}{r} -12x - 8 = 18x - 18 \\ -18x \qquad -18x \\ \hline \end{array}$$

$$-30x - 8 = -18$$

$$\begin{array}{r} +8 \qquad +8 \\ \hline \end{array}$$

$$\underline{-30x = -10}$$

$$\underline{-30 \qquad -30}$$

$$x = \frac{1}{3}$$

$$30) -5(x+2) = 3(x+2)$$

$$-5x - 10 = 3x + 6$$

$$\begin{array}{r} -3x \qquad \qquad -3x \\ \hline \end{array}$$

$$-8x - 10 = 6$$

$$\begin{array}{r} +10 \quad +10 \\ \hline \end{array}$$

$$-8x = 16$$

$$\begin{array}{r} -8 \quad -8 \\ \hline \end{array}$$

$$x = -2$$



