

DAY 5 - HOMEWORK
 PAGE 8 #9-10, 25-29 ODD
 PAGE 16 #3-8

Key!

Solve for the given variable. Check your solutions!

Page 8:

$$9. \quad w + 3 = -4$$

$$\quad \quad \quad \begin{array}{r} -3 \quad +3 \\ \hline \end{array}$$

$$\quad \quad \quad \boxed{w = -7}$$

$$10. \quad n - 6 = -7$$

$$\quad \quad \quad \begin{array}{r} +6 \quad +6 \\ \hline \end{array}$$

$$\quad \quad \quad \boxed{n = -1}$$

$$25. \quad \frac{-8r}{-8} = \frac{64}{-8} \Rightarrow \boxed{r = -8}$$

$$27. \quad \frac{x}{8} = 8 \cdot 6$$

$$\quad \quad \quad \boxed{x = 48}$$

$$29. \quad \frac{-54}{9} = \frac{9s}{9} \Rightarrow \boxed{s = -6}$$

Page 16:

★ Remember: SADMEP★

$$3. \quad 3w + 7 = 19$$

$$\quad \quad \quad \begin{array}{r} -7 \quad -7 \\ \hline \end{array}$$

$$\quad \quad \quad \frac{3w = 12}{3} \quad \boxed{w = 4}$$

$$5. \quad 11 = 12 - q$$

$$\quad \quad \quad \begin{array}{r} -12 \quad -12 \\ \hline \end{array}$$

$$\quad \quad \quad \frac{-1 = -q}{-1} \quad \boxed{1 = q}$$

$$7. \quad 5 = \frac{z}{-4} - 3$$

$$\quad \quad \quad \begin{array}{r} +3 \quad +3 \\ \hline \end{array}$$

$$\quad \quad \quad -4 \cdot 8 = \frac{z}{-4} \cdot -4$$

$$\quad \quad \quad -32 = z \Rightarrow \boxed{z = -32}$$

DID YOU CHECK YOUR WORK?!?

$$4. \quad 2g - 13 = 3$$

$$\quad \quad \quad \begin{array}{r} +13 \quad +13 \\ \hline \end{array}$$

$$\quad \quad \quad \frac{2g = 16}{2} \quad \boxed{g = 8}$$

$$6. \quad 10 = 7 - m$$

$$\quad \quad \quad \begin{array}{r} -7 \quad -7 \\ \hline \end{array}$$

$$\quad \quad \quad \frac{3 = -m}{-1} \quad \boxed{m = -3}$$

$$8. \quad \frac{a}{3} + 4 = 6$$

$$\quad \quad \quad \begin{array}{r} -4 \quad -4 \\ \hline \end{array}$$

$$\quad \quad \quad \frac{a}{3} = 2 \cdot 3$$

$$\quad \quad \quad \boxed{a = 6}$$