

$$4) \quad 14 = \frac{x}{2} \quad (2)$$

(2)

$$28 = x$$

$$14 = \frac{x}{2}$$
$$(2) 14 = \frac{x}{2} (2)$$
$$28 = x$$

check

$$14 = \frac{x}{2}$$

$$14 = \frac{28}{2}$$

$$14 = 14 \quad \checkmark$$

$$5) \quad 19 - h - h = -13$$

$$19 - 2h = -13$$
$$-19 \quad -19$$

$$\frac{-2h}{-2} = \frac{-32}{-2}$$

$$h = 16$$



check

$$19 - h - h = -13$$

$$19 - (16) - (16) = -13$$

$$19 - 32 = -13$$

$$-13 = -13 \quad \checkmark$$

$$6) \quad 6(3m+5) = 66$$

$$18m + 30 = 66$$
$$\downarrow \quad -30 \quad -30$$

$$18m = \frac{36}{18}$$

$$m = 2$$

check

$$6(3m+5) = 66$$

$$6(3(2)+5) = 66$$

$$6(6+5) = 66$$

$$6(11) = 66$$

$$66 = 66 \checkmark$$

$$7.) \quad 3(4y-8) = 12$$

$$12y - 24 = 12$$
$$\quad \quad +24 \quad +24$$

$$12y = \frac{36}{12}$$

$$y = 3$$

check

$$3(4y-8) = 12$$

$$3(4(3)-8) = 12$$

$$3(12-8) = 12$$

$$3(4) = 12$$

$$12 = 12 \checkmark$$

$$8.) \quad -5(x-3) = -25$$

$$-5x \begin{matrix} +15 \\ -15 \end{matrix} = -25$$

$$\frac{-5x}{-5} = \frac{-40}{-5}$$

$$x = 8$$

check

$$-5(x-3) = -25$$

$$-5(8-3) = -25$$

$$-5(5) = -25$$

$$-25 = -25 \checkmark$$

$$9.) \quad 42 = 3(2-3x)$$

$$42 = \begin{matrix} 6 \\ -6 \end{matrix} - 9x$$

$$\frac{36}{-9} = \frac{-9x}{-9}$$

$$-4 = x$$



$$3(2-3x) = 42$$

check

$$42 = 3(2-3x)$$

$$42 = 3(2-3(-4))$$

$$42 = 3(2+12)$$

$$42 = 3(14)$$

$$42 = 42 \checkmark$$

$$\frac{14}{3}$$

$$10.) \quad 3p \begin{matrix} -4 \\ +4 \end{matrix} = 31$$

$$\frac{3p}{3} = \frac{35}{3} \quad 3 \overline{) 35}$$

$$p = 11\frac{2}{3}$$

$$p = 11.66$$

$$\begin{array}{r} 11 \\ 3 \overline{) 35} \\ \underline{33} \\ 2 \end{array}$$