

28.)

 $t = \# \text{ of day Marcus trained}$

$$\frac{7 \cdot t}{1 \cdot 7} = \frac{14 \cdot 7}{1 \cdot 1}$$

$$t = 98 \text{ days}$$

32)

$$72 = -12(-3x)$$

$$\frac{72}{36} = \frac{36x}{36}$$

$$2 = x$$

D	U
• -3	÷ -12
• -12	÷ -3
<hr/>	
• 36	÷ 36

36.) $\frac{5}{8} = -\frac{1}{2}x$ $\begin{array}{l|l} D & U \\ \hline \cdot -\frac{1}{2} & \div -\frac{1}{2} = \end{array} \circledast -\frac{2}{1}$

$\frac{-5}{4} = x$

$$\frac{5}{8} = -\frac{1}{2}x$$

$$\frac{5}{8} = -\frac{1}{2} \cdot \frac{5}{4}$$

$$\checkmark \quad +\frac{5}{8} = +\frac{5}{8}$$

42. $A = \frac{1}{2}bh$

$A = 15$

b	h
1	30
2	15
3	10
4	7.5
5	6

$A = \frac{1}{2}bh$

$$\frac{2A}{b} = h$$

$(2)15 = 30$

1

$$\frac{2(15)}{2} = 15$$

$$\frac{2(15)}{3} = 10$$

4-5 Solving Two Step Equations

$$1.) \quad 3a + 9 = 33$$

-9 -9

$$\frac{3a}{3} = \frac{24}{3}$$

$$a = 8$$

D	U	
• 3	-9	
+ 9	÷ 3	
P	S A	Undo - (Inverse Order)
E	D M	
M D	E	
A S	P	

Undo in the opposite order!

1A)

$$6x + 1 = 25$$

$$\frac{6x}{6} = \frac{24}{6}$$

$$x = 4$$

D	U
$\div 6$	-1
$+ 1$	$\div 6$

$$\begin{array}{r} 4x - 5 = -33 \\ \hline 4x - 5 + 5 = -33 + 5 \\ \hline 4x = -28 \\ \hline x = -7 \end{array}$$

$$x = -7$$

$$\begin{array}{r|l} D & U \\ \hline \cdot 4 & +5 \\ -5 & \div 4 \end{array}$$

$$\frac{p}{5} - 12 = 20$$

+12 +12

$$\frac{p}{5} = 32$$

·5 ·5

$$p = 160$$

$\frac{p}{5}$		u
$\div 5$		$+12$
-12		$\times 5$

$$9 - t = -34$$

$$-t + \cancel{9} = \underline{-34} \quad \begin{array}{r|l} D & u \\ +9 & -9 \end{array}$$

$$(-1) - t = -43 (-1)$$

$$t = 43$$

$$\begin{array}{r|l} D & u \\ +9 & -9 \end{array}$$

$$\begin{array}{r} +9 \\ -9 \end{array} - t = \begin{array}{r} -34 \\ -9 \end{array}$$

$$-t = -43$$

$$t = 43$$

$$4A) \quad 4 - 9c + 3c = 58$$
$$4 - 6c = 58$$
$$-6c + 4 = 58$$