

$$\begin{array}{r}
 x + 9 = 12 \\
 -9 \quad -9 \\
 \hline
 x = 3
 \end{array}$$

$$\begin{array}{r}
 * \\
 \downarrow \\
 6x = 42 \\
 \frac{6}{6} \quad \frac{6}{6} \\
 \hline
 x = 7
 \end{array}$$

$$\begin{array}{r}
 1.) \quad x - 3 = 18 \\
 +3 \quad +3 \\
 \hline
 x = 21
 \end{array}$$

$$\begin{array}{r}
 3.) \quad x + 8 = 23 \\
 -8 \quad -8 \\
 \hline
 x = 15
 \end{array}$$

$$\begin{array}{r}
 x - 7 = 20 \\
 +7 \quad +7 \\
 \hline
 x = 27
 \end{array}$$

$$\boxed{x = 27}$$

$$x - 7 = 20$$

$$x - 7 + 7 = 20 + 7$$

inverses

$$x + 0 = 27$$

identity

$$x = 27$$

$$12 \left(\frac{x}{12} \right) = (4)12$$

$$\boxed{x = 48}$$

$$2.) \left(\frac{x}{5} \right)^5 = (-6)^5$$

$$\boxed{x = -30}$$

$$\begin{array}{r}
 4.) \quad 8x = 56 \\
 \frac{8}{8} \quad \frac{8}{8} \\
 \hline
 x = 7
 \end{array}$$

$$\boxed{x = 7}$$

$$3x + 2 = 23$$

- 2 - 2

$$\frac{3x}{3} = \frac{21}{3}$$

$$\boxed{x = 7}$$

$$\frac{x}{8} - 4 = 2$$

+ 4 + 4

$$8 \left(\frac{x}{8} \right) = (6) 8$$

$$\boxed{x = 48}$$

1.) $4x - 8 = 24$

+ 8 + 8

$$\frac{4x}{4} = \frac{32}{4}$$

$$\boxed{x = 8}$$

2.) $\frac{x}{3} + 8 = 6$

- 8 - 8

$$3 \left(\frac{x}{3} \right) = (-2) 3$$

$$\boxed{x = -6}$$

3.) $\frac{x}{2} - 12 = 8$

+ 12 + 12

$$2 \left(\frac{x}{2} \right) = (20) 2$$

$$x = 40$$

4.) $9x + 3 = 66$

- 3 - 3

$$\frac{9x}{9} = \frac{63}{9}$$

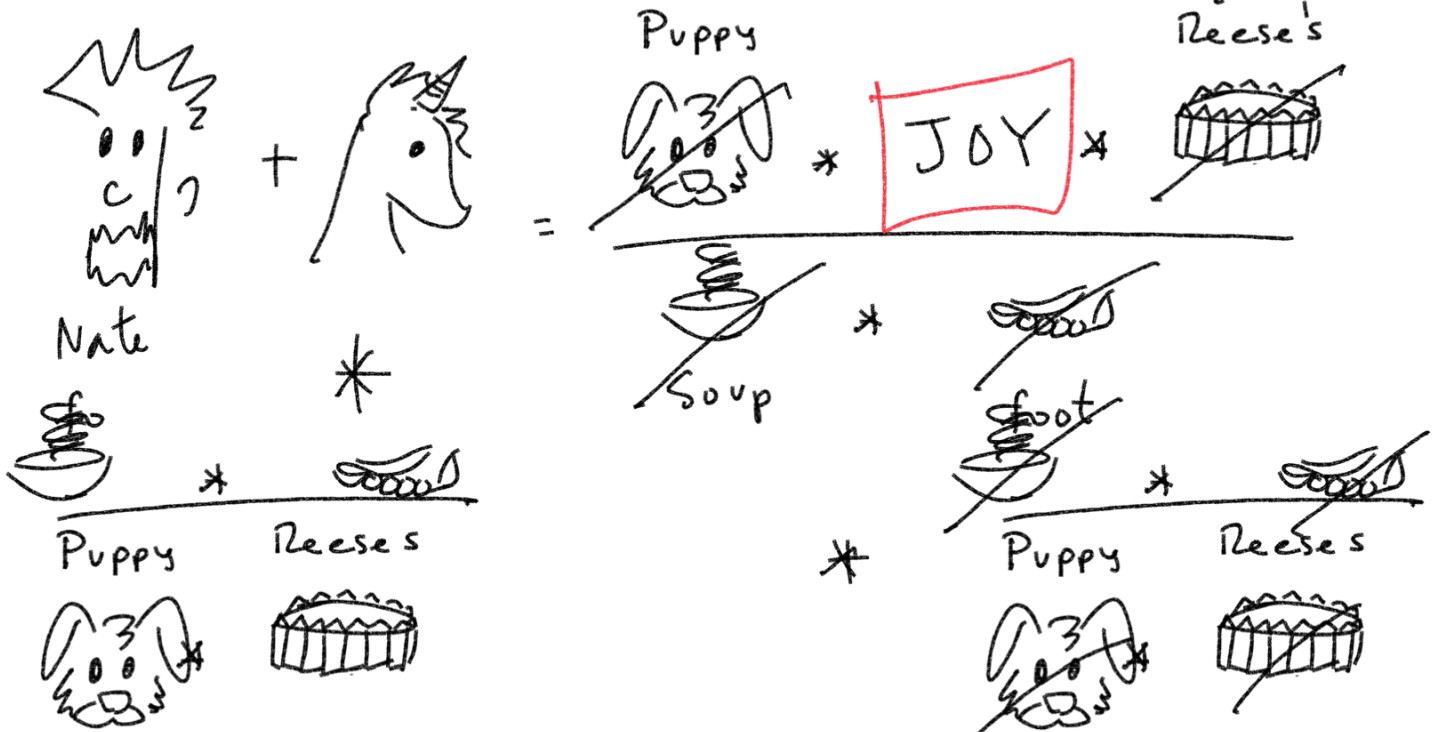
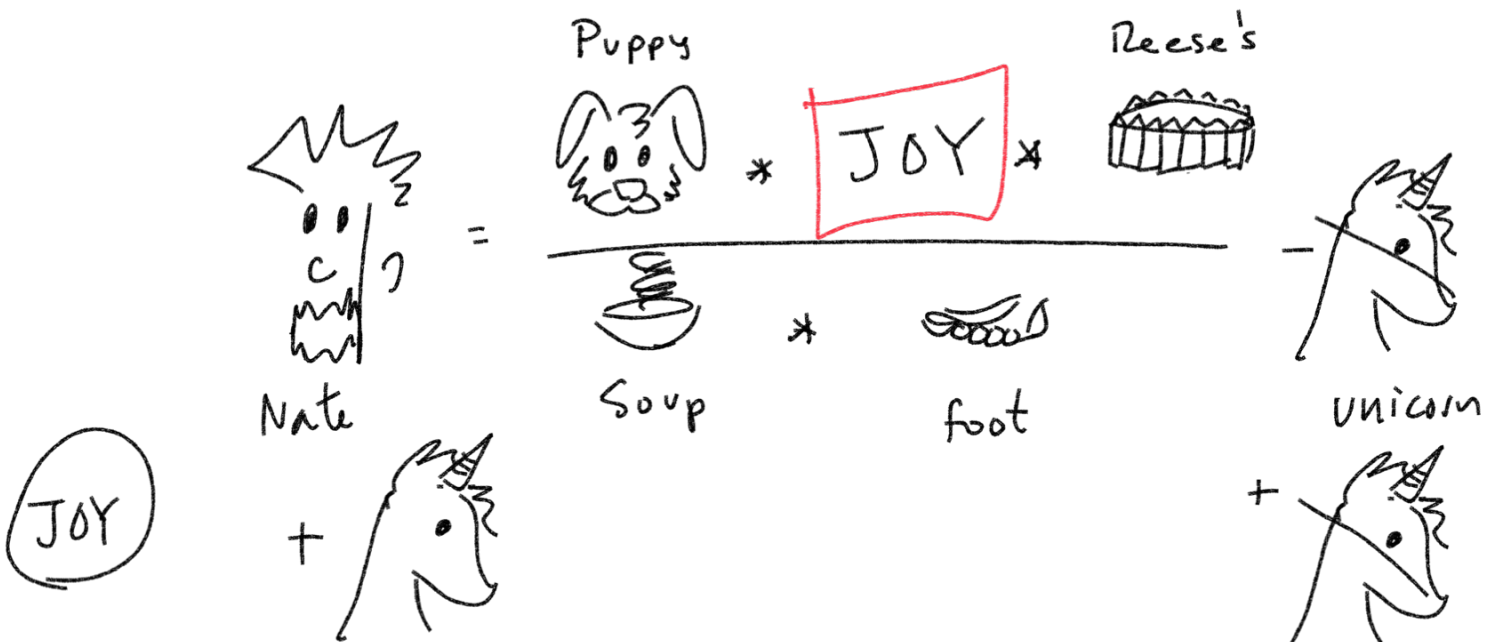
$$\boxed{x = 7}$$

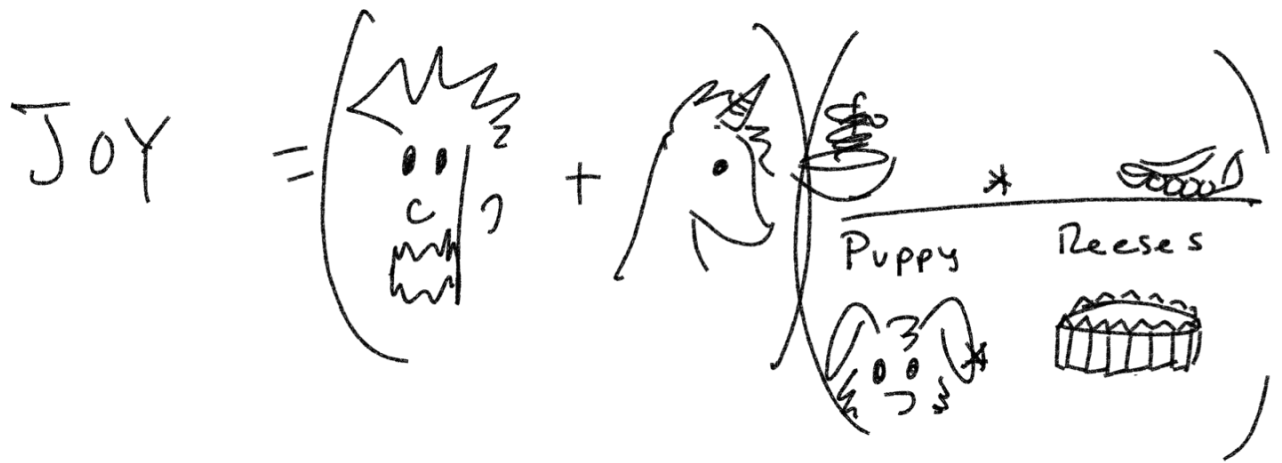
$$\frac{F}{AT} = \frac{ART}{AT}$$

$$R = \frac{F}{AT}$$

$$PV = \frac{ART}{nT}$$

$$R = \frac{PV}{nT}$$





$$1.) \quad \begin{array}{r} x + 4 = 3 \\ -4 \quad -4 \end{array}$$

$$\boxed{x = -1}$$

$$2.) \quad \begin{array}{r} 8x - 2 = 46 \\ +2 \quad +2 \end{array}$$

$$\frac{8x}{8} = \frac{48}{8} \quad \boxed{x = 6}$$

$$3.) \quad \begin{array}{r} \frac{x}{4} + 5 = -3 \\ -5 \quad -5 \end{array}$$

$$4 \left(\frac{x}{4} \right) = (-8) 4$$

$$\boxed{x = -32}$$

$$4.) \quad 9 \left(\frac{x}{9} \right) = (8) 9$$

$$\boxed{x = 72}$$

$$5.) \quad \begin{array}{r} \frac{x}{6} - 1 = 12 \\ +1 \quad +1 \end{array}$$

$$6 \left(\frac{x}{6} \right) = (13) 6$$

$$\boxed{x = 78}$$

$$6.) \quad \left(\frac{\text{square} + \text{circle}}{\text{triangle}} \right) = (\text{star}) \text{triangle}$$

Find circle

$$\text{square} + \text{circle} = \text{star} * \text{triangle}$$

$$- \text{square} \qquad \qquad \qquad - \text{square}$$

$$\boxed{\text{circle} = \text{star} * \text{triangle} - \text{square}}$$