S-A1 Algebra 1 Sessim 6 6/27

$$\begin{cases} x + 9 = 12 \\ -9 \quad -9 \end{cases}$$

$$\boxed{x = 3}$$

$$x + 9 + (-9) = 12 + (-9)$$

Inverse Property

$$x + 0 = 3$$

Identity Property

$$\boxed{x = 3}$$

$$x - 7 = 20$$
$$+7 \quad +7$$

$$\boxed{x = 27}$$

$$6x = 42$$

$$x * 6 = 42$$

$$\frac{6x}{6} = \frac{42}{6}$$

$$x * 6 * \frac{1}{6} = 42 * \frac{1}{6}$$

Inverse

$$\boxed{x = 7}$$

$$x * 1 = 7$$

Identity

$$x = 7$$

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

$$\boxed{x = 48}$$

1.) $x - 3 = 18$

$+3 \quad +3$

$\boxed{x = 21}$

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

$\boxed{x = -30}$

3.) $x + 8 = 23$

$-8 \quad -8$

$\boxed{x = 15}$

$3x + 2 = 23$

$-2 \quad -2$

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

$\boxed{x = 7}$

4.) $\frac{8x}{8} = \frac{56}{8}$

$\boxed{x = 7}$

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

$+4 \quad +4$

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

$\boxed{x = 48}$

1.) $4x - 8 = 24$

$+8 \quad +8$

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

$\boxed{x = 8}$

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

$-8 \quad -8$

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

$\boxed{x = -6}$

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

$+12 \quad +12$

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

$\boxed{x = 40}$

4.) $9x + 3 = 66$

$-3 \quad -3$

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

$\boxed{x = 7}$

$A * B - C = D$

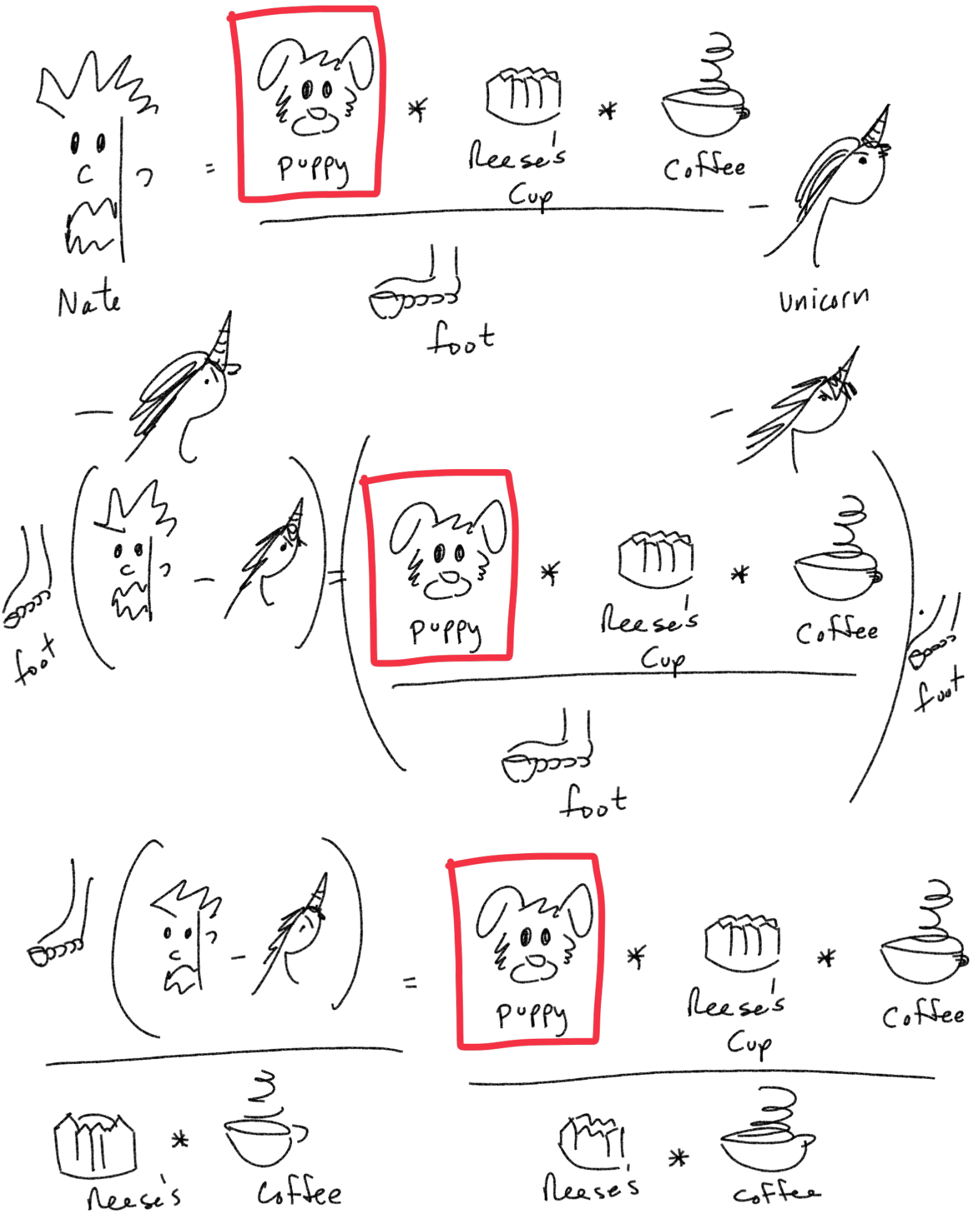
$+C \quad +C$

$\frac{A * B}{A} = \frac{C + D}{A}$

$B =$

$\boxed{B = \frac{C + D}{A}}$


Puppy
Reese's Cup
Coffee
Nate
foot
Unicorn


Nate
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Reese's
Coffee
Reese's
coffee

1.) $x + 4 = 3$

$-4 \quad -4$

$\boxed{x = -1}$

2.) $8x - 2 = 46$

$+2 \quad +2$

$\frac{8x}{8} = \frac{48}{8}$

$\boxed{x = 6}$

3.) $\frac{x}{4} + 5 = -3$

$-5 \quad -5$

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

$\boxed{x = -32}$

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

$\boxed{x = 72}$

$4 * 9$

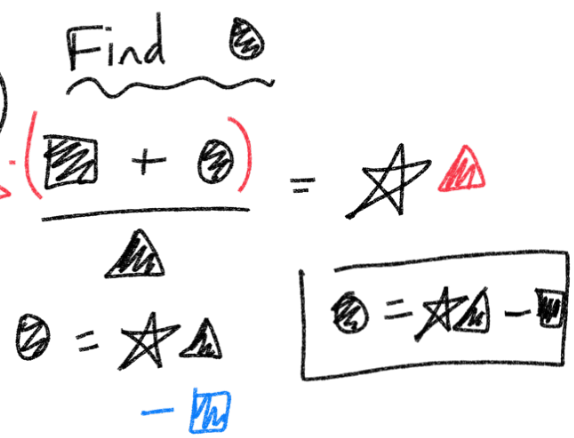
$\boxed{36}$

5.) $\frac{x}{6} - 1 = 12$

$+1 \quad +1$

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

$\boxed{x = 78}$

6.) 

Label each quadrant. Next, plot the points below.

1.) A (6, -4)
2.) B (-7, 2)
3.) C (0, 8)
4.) D (3, 9)
5.) E (-7, -1)
6.) F (-4, 0)