W-A1 Algebra 1 Week 8 10/25

$x + 9 = 12$

$-9 \quad -9$

$x + 0 = 3$

Identity Property

$x + 0 = 3$

$\boxed{x = 3}$

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

Inverse Property

$x + 0 = 3$

$x - 7 = 20$

$+7 \quad +7$

$\boxed{x = 27}$

$*$

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

$\boxed{x = 7}$

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

$\boxed{x = 48}$

1.) $x - 3 = 18$

$+3 \quad +3$

$\boxed{x = 21}$

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

$\boxed{x = -30}$

3.) $x + 8 = 23$

$-8 \quad -8$

$\boxed{x = 15}$

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

$\boxed{x = 7}$

$3x + 2 = 23$

$-2 \quad -2$

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

$x = 7$

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

$+4 \quad +4$

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

$x = 48$

1.) $4x - 8 = 24$

$+8 \quad +8$

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

$x = 8$

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

$-8 \quad -8$

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

$x = -6$

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

$+12 \quad +12$

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

$x = 40$

4.) $9x + 3 = 66$

$-3 \quad -3$

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

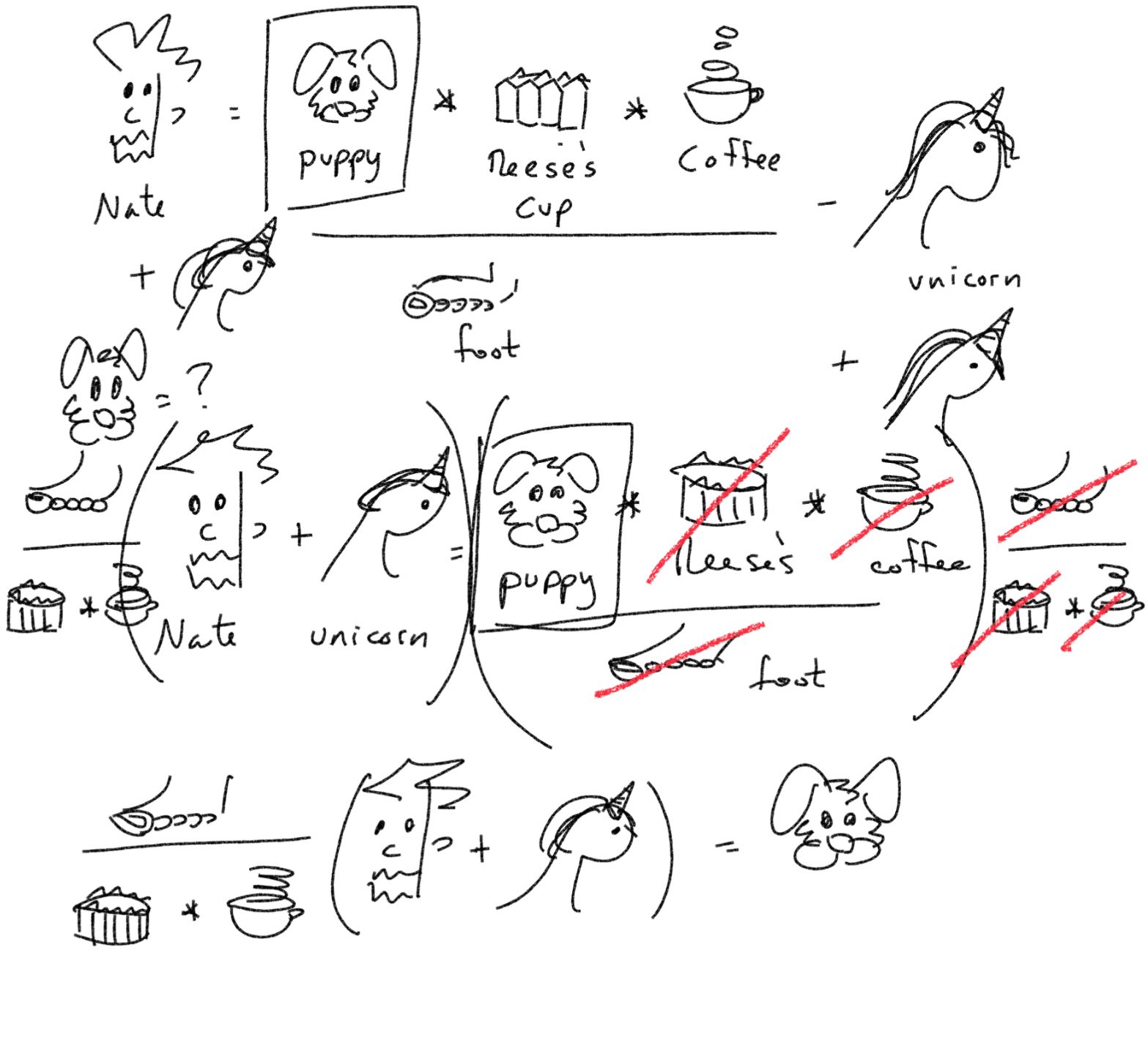
$x = 7$

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

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

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

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



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

$\boxed{x = 72}$

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

$+1 \quad +1$

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

$\boxed{x = 78}$

6.) Find ● =