

- 1.) 8 more than the product of a number and 4

$$\boxed{8 + 4n} \quad \boxed{8 + 4 * n}$$

- 2.) 12 less than b

$$\cancel{12 - b} \quad \boxed{b - 12}$$

12 less than 20
 $20 - 12$

- 3.) Two times the sum of 8 and w

$$\boxed{2 * (8 + w)} \quad + \quad (8 + w) * 2$$

$$\boxed{2(8 + w)}$$

$$56 \div 2^3 + 16 * 3 - 4$$

$$\downarrow$$

$$\underbrace{56 \div 8} + 16 * 3 - 4$$

$$7 + \underbrace{16 * 3} - 4$$

$$7 + \underbrace{48} - 4$$

$$\underbrace{55} - 4 = \boxed{51}$$

$$12 - 3(8^2 + 2^3)$$

↓

$$12 - 3(64 + 8)$$

$$12 - 3(72)^*$$

$$12 - 216 = \boxed{-204}$$

$$8a^* + 2(b-c)^2$$

$$a=3 \quad b=7 \quad c=4$$

$$8(3) + 2(\underbrace{7-4})^2$$

$$8(3) + 2(3)^2$$

$$\underbrace{8(3)} + 2(9)$$

$$24 + 2(9)$$

$$24 + 18 = \textcircled{42}$$

$$def + 6e^3$$

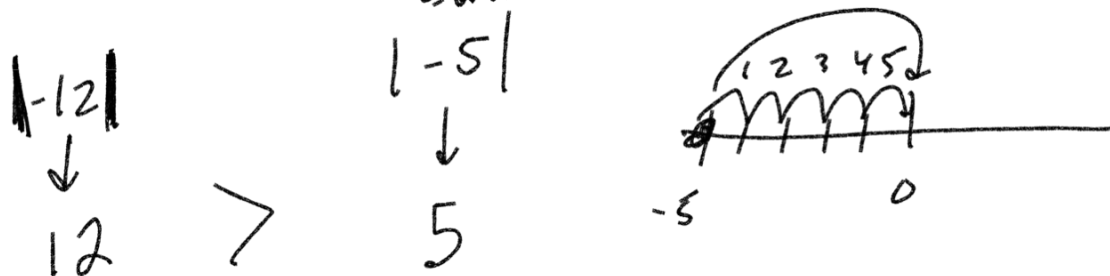
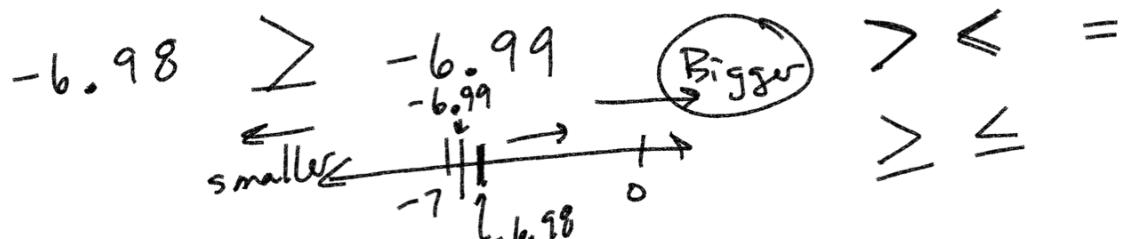
$$d=6 \quad e=2 \quad f=3$$

$$(6)(2)(3) + 6(2)^3$$

$$\underbrace{(6)(2)(3)} + 6(8)$$

$$36 + 6(8)$$

$$36 + 48 = \textcircled{84}$$



\checkmark 6.779 rational
 terminal decimal

9 rational
 whole, counting, integer

-3 rational
 integer

\checkmark $\sqrt{25}$ rational
 perfect square

\checkmark 0.378123... irrational

$0.\overline{679679679}$ rational
 repeating

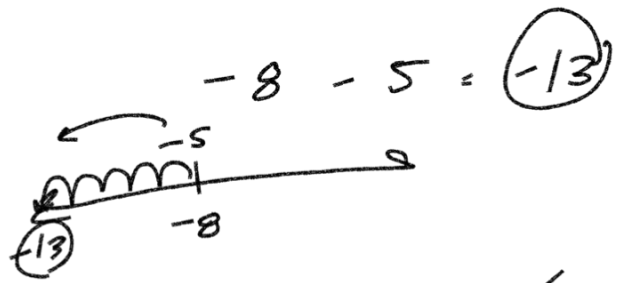
0 rational
 whole, integer

π irrational

$\sqrt{90}$ irrational

$\frac{2}{3}$ rational
 fraction

$$\checkmark 8 - 13 = (-5)$$



$$\checkmark 2 - (-6) = 2 + 6 = 8$$

$$\checkmark -11 - (-8) = -11 + 8 = (-3)$$

$$\checkmark 8(-6) = (-48)$$

$$\checkmark (-7)(-2)^2 = (-7)(-2)(-2) = (-28)$$

$$\checkmark (-11)(4) = -44$$

$$\checkmark (-6)(-3) = (18)$$

$$\checkmark \frac{120}{(-2)(-6)} = (10)$$

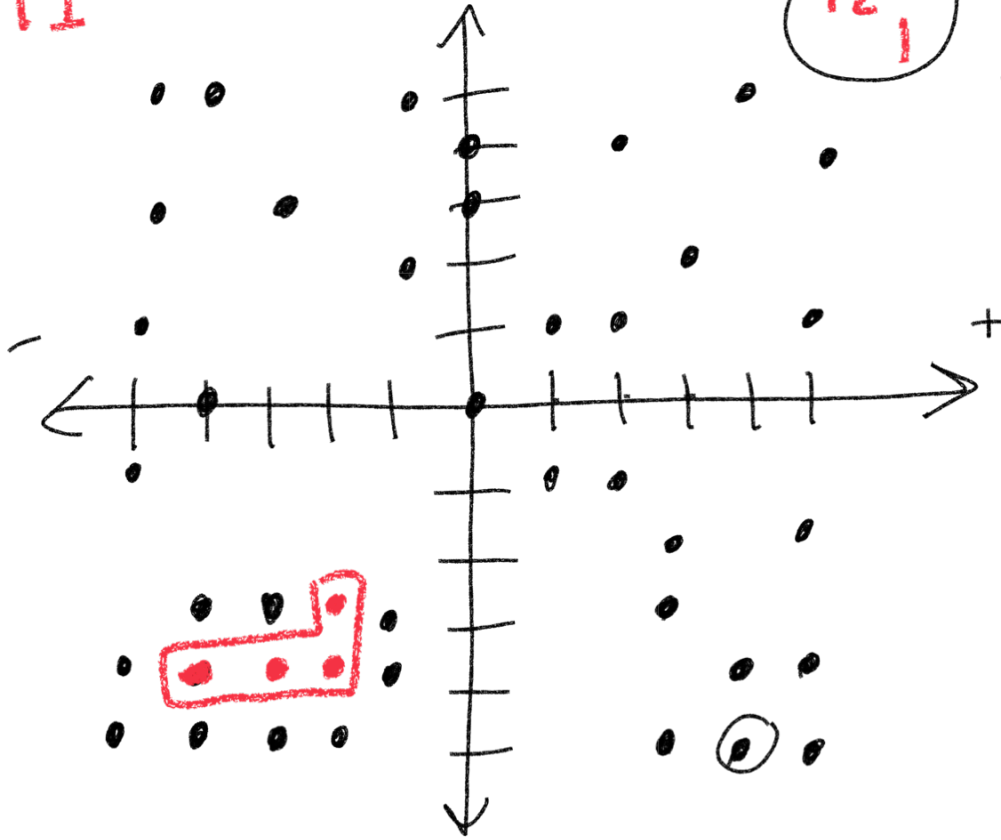
$$\checkmark 72 \div (-6) = -12$$



T1

T2
1

(x, y)



website
 Quiz 5
 due tonight

Quiz 6
 due Oct 27th
 classmarker

HW
 Ch 1 Pre-Test
 Ch 1 Test
 due Oct 27th