

1.) $3(2x-8)$
 $\boxed{6x-24}$

2.) $-(4x+6)$
 $\boxed{-4x-6}$

3.) $2(9x-3) + 12$
 $18x - 6 + 12$
 $\boxed{18x+6}$

4.) $(-3)(4x+7) - 9(2x-3)$
 $\boxed{-12x-21} \quad \boxed{-18x+27}$
 $\boxed{-30x+6}$

Commutative Property

(C) $a+b = b+a$
 $a * b = b * a$

Associative Property

$a + (b+c) = (a+b)+c$ (A)
 $a * (b*c) = (a*b)*c$

Identity Property

(ID) $a + 0 = a$
 $a * 1 = a$

Inverse Property

$a + (-a) = 0$ (IN)
 $a * \frac{1}{a} = 1$

1.) $3 + 0 = 3$ identity (ID)

2.) $8 * \frac{1}{8} = 1$ inverse (IN)

3.) $4 * 3 = 3 * 4$ commutative (C)

4.) $2 + (3+4) = (2+3)+4$ Associative

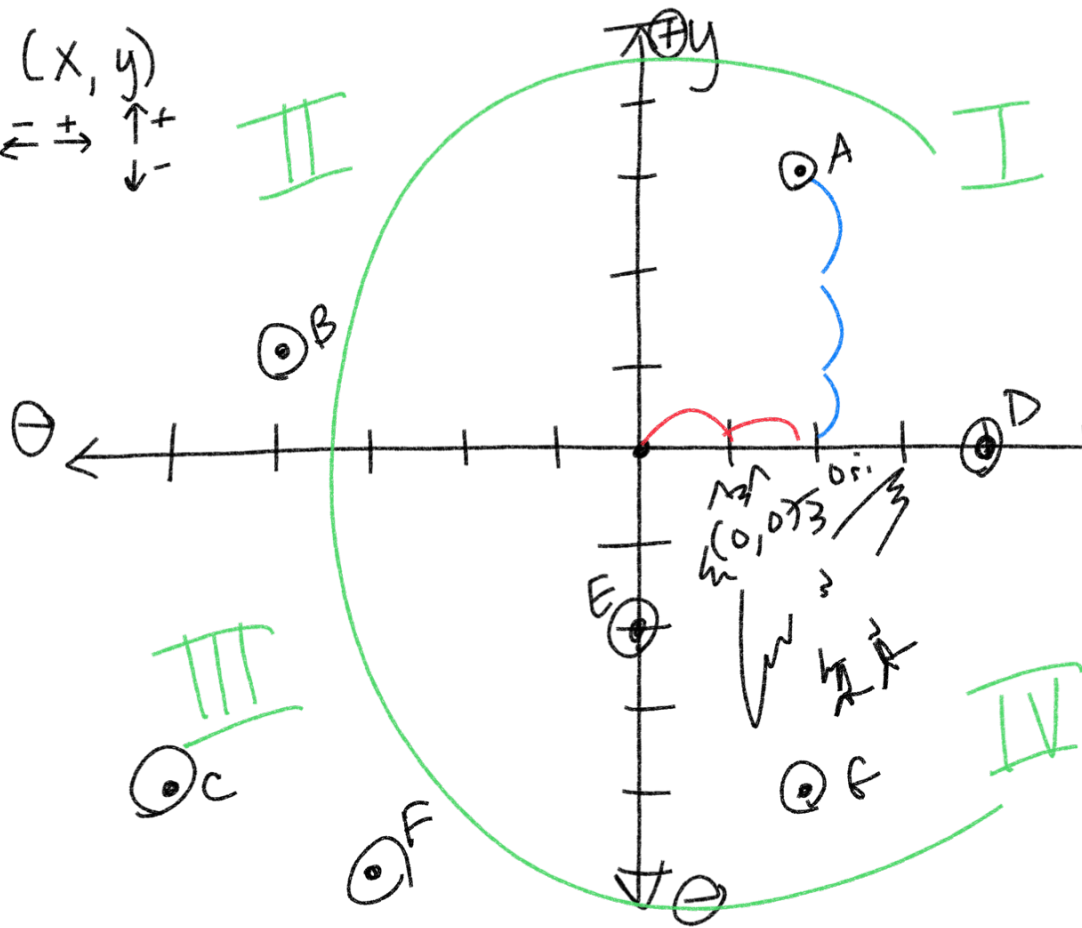
5.) $7 + 8 = 8 + 7$ commutative

6.) $1 * 9 = 9$ identity

7.) $4 * (8 * 6) = (4 * 8) * 6$ Associative

8.) $8 + (-8) = 0$ inverse

(x, y)
← ± ↑ +
↓ -



(2,3) A

(-4,1) B

(-5,-4) C

(4,0) D

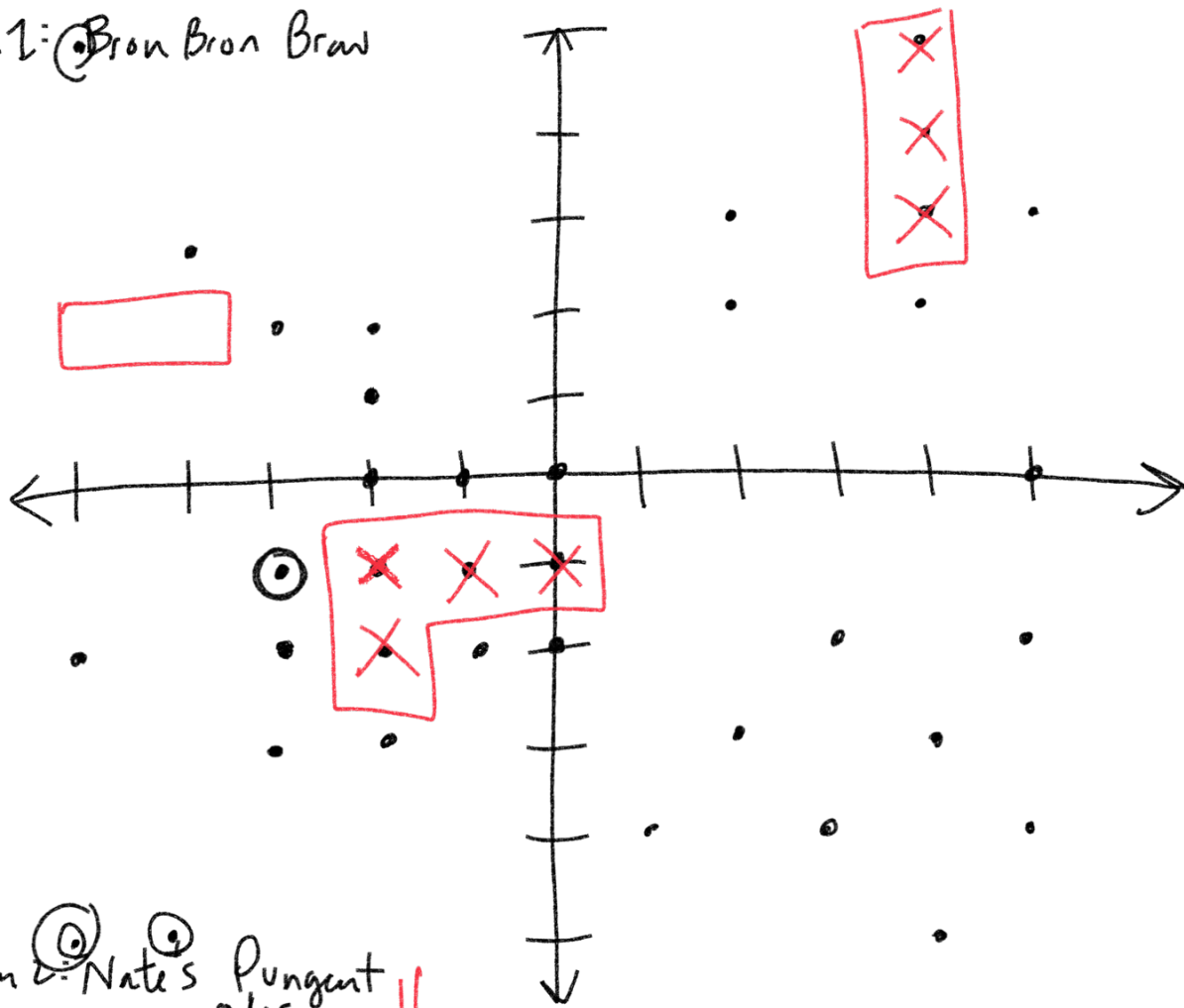
(0,-2) E

(0,0)

(-3,-5) F

(2,-4) G

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