

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

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

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

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

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

5.)  $7 + 8 = 8 + 7$  (C)

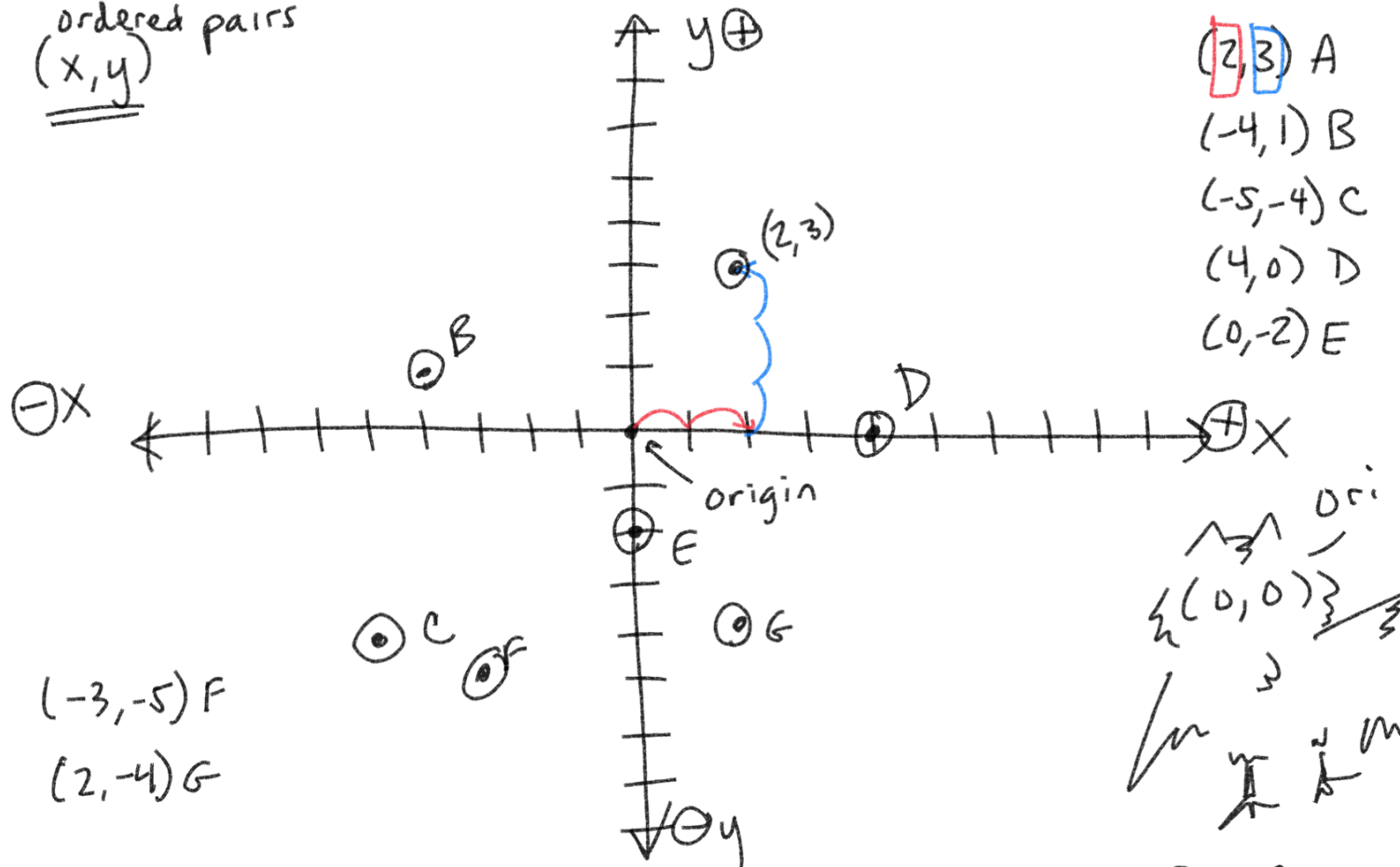
8.)  $8 + (-8) = 0$

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

6.)  $1 * 9 = 9$  (ID)

(IN)

ordered pairs  
(x,y)



Team 1: Smelly Bears |

Team 2: Cooler Than M |

