

BE-1A MONDAY 9-8-08

Simplify:

① $-2(3x + 4)$

② $-5(2x + 2x)$

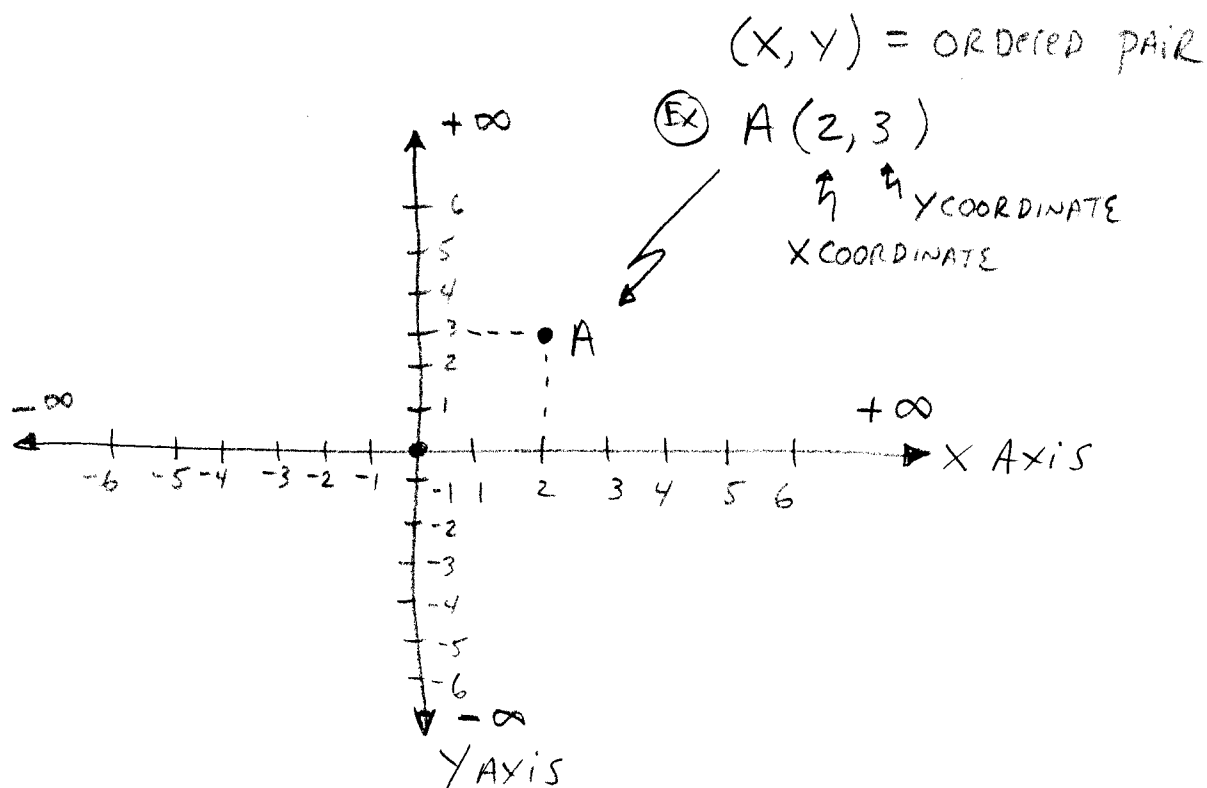
③ $xyz - 2xyz$

④ $5x - 2x + 4y - 4y$

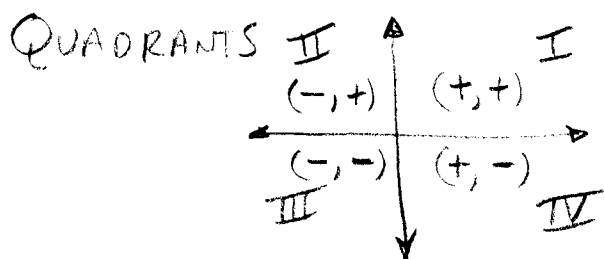
⑤ $\frac{1}{3}(9x - 18y)$

• Review/return graded HW4 (WS 1-5).

RECALL - definitions:



$(0, 0) = \text{origin}$



Two other names (X, Y)

(d, r)

↑ ↑
domain, range

$(I.V., d.v.)$

↑ ↑
independent variable dependent variable

Practice graphing: "Sink the Sub"

(*)

RELATION

A SET OF ORDERED PAIRS

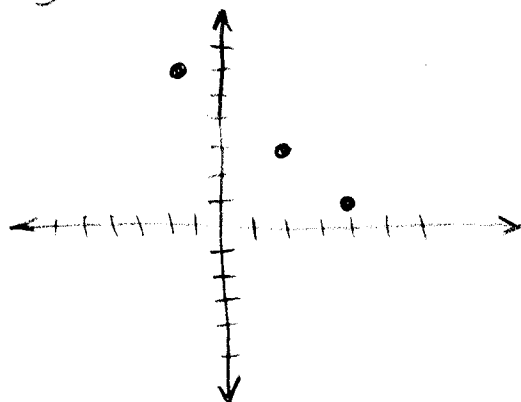
(EX) $\{(2, 3), (4, 1), (-2, 6)\}$

(EX)

X	Y
2	3
4	1
-2	6

↑ ↑
I.V. d.V.
↑ (d) ↑
d r

(EX)



EX 4

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(DVD's, cost) $\Rightarrow$ see graph
of ordered pairs

Homework: - Pg. 46 # 1, 2, 6, 7, 8