

T4-04 Number: \_\_\_\_\_ Name: \_\_\_\_\_ Period: \_\_\_\_\_

Simplify the following expressions:

#1)  $6 - 8x + 8 - 2x$

#2)  $2xy - 4 + 9 + (-6)$

Are the following tables proportional? If yes, find K

#3)

Lemonade (oz.)	8	16	32	48	?
Price	\$0.50	\$1	\$2	\$3	\$4

K= \_\_\_\_\_

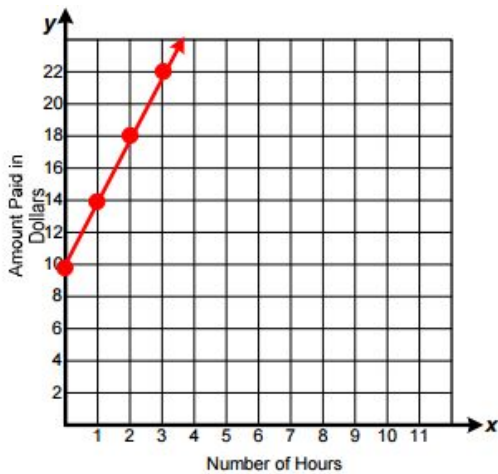
#4)

Houses	Doors
1	2
2	5
3	6
4	8
5	11

K= \_\_\_\_\_

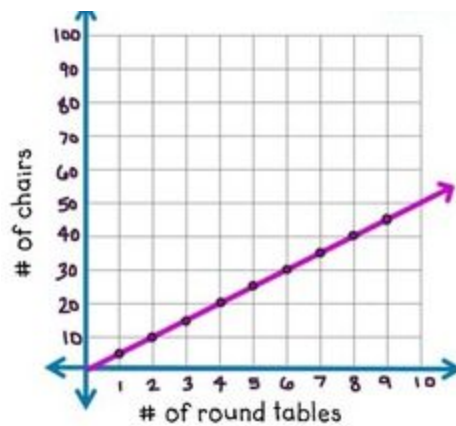
Are the following graphs proportional? If yes, find K

#5)



K= \_\_\_\_\_

#6)



K= \_\_\_\_\_

**Solve the following equations:**

#7)  $\frac{-2}{3}x = 1$

#8)  $-2(2x - 4) = 16$

**Simplify the following:**

#9)  $-3 + (2 - 5 * 5)$

#10)  $|7 - 13| + 2 * 3$