Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Review for Test #3

**Topics on TEST #3**

* **Graphing**
* **Laws of exponents (multiplying, dividing, adding, exponents)**
* **Distributing**
* **Substitution**



Graph the following lines

A

B

Write the following equations in y = mx+b form.

C

D

A. Simplify the following expressions using the Law of exponents.

1. =
2. =
3. =
4. =
5. =
6. =
7. =
8. =
9. =
10. =

B. Simplify the following expressions using the Law of exponents.

13.

14.

1.

Use **distribution** to simplify the following expressions.

(Be careful: you can NOT combine UNLIKE terms.)

Sample Problem

Wilson needs to know how to do the following examples. Using detailed WRITTEN explanations (yes, in English), describe to Wilson what he needs to do to solve. Explain step by step.

1. )+)
2. ))