Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**THIS HOMEWORK IS DUE BY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Weekly Homework 9 Mrs. Zunich

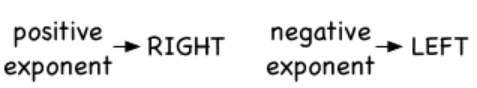
1. Convert the following values from standard form to scientific notation.



a) 6,730,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) 0.000067 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Convert the following values from scientific notation to standard form.



1. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Identify the legs, a and b, and the hypotenuse, c, of the right triangles below.

13 feet

A=\_\_\_\_\_\_\_\_

B=\_\_\_\_\_\_\_\_

C=\_\_\_\_\_\_\_\_\_

5 feet

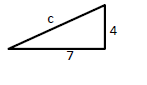
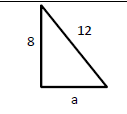
12 feet



A=\_\_\_\_\_\_\_\_

B=\_\_\_\_\_\_\_\_

C=\_\_\_\_\_\_\_\_\_

1. Find the missing side of the right triangle. Make sure to use the Pythagorean Theorem.
2.  b) 
3. Determine if each triangle is a right triangle**.**

|  |  |
| --- | --- |
| a=\_\_\_\_\_\_\_\_  b=\_\_\_\_\_\_\_\_  c=\_\_\_\_\_\_\_\_\_ | a=\_\_\_\_\_\_\_\_  b=\_\_\_\_\_\_\_\_  c=\_\_\_\_\_\_\_\_\_ |

|  |  |  |
| --- | --- | --- |
|  |  |  |

1. REFLECTION: Circle the picture that best describes how YOU feel about changing multiplying values in scientific notation.

