## Anatomy of a Power: Identify parts a, b and c

a)\_\_\_\_\_\_b)\_\_\_\_

- 1) 5<sup>2</sup> what are two ways to say this? \_\_\_\_\_ or \_\_\_\_\_ or \_\_\_\_\_
- 2) 2<sup>3</sup> what are two ways to say this? \_\_\_\_\_ or \_\_\_\_\_ or \_\_\_\_\_

## **Shortcuts and Quirky Stuff**

A) Expand and evaluate:

$$10^5 =$$

$$10^3 =$$

$$10^6 =$$

Shortcuts for POWERS OF TEN:

B) Expand and evaluate:

$$5^1 =$$

$$7^{1} =$$

$$9^{1} =$$

Rule for ANYTHING TO THE FIRST POWER:

C) Expand and Evaluate:

$$1^6 =$$

$$1^8 =$$

$$1^{30} =$$

Rule for ONE TO ANY POWER: