

Name _____



Scale Secrets

Directions: Complete each pattern. Then answer the question about the pattern you notice.

1. Multiply by 10 each time.

4, 40, 400, _____,

What is happening to the digits?

2. Divide by 10 each time.

9,000, 900, 90, _____,

What is happening to the decimal point?

3. Multiply by 10^2 each time.

3, 300, 30,000, _____,

How much does the value change each step?

4. Divide by 10^2 each time.

50,000, 500, 5, _____,

How much does the value change each step?

5. Multiply by 10 each time.

0.8, 8, 80, _____, _____

What happens to the decimal point?

6. Divide by 10 each time.

6.5, 0.65, 0.065, _____,

What pattern do you notice?