

## MacroLab Lesson 4 Percentages: Worksheet

### Names:

Part 3 - Speed:

How far did the Sphero travel for 100%, 3 seconds: \_\_\_\_\_

What is the speed? (Distance / 3 seconds): \_\_\_\_\_

How far did the Sphero travel for 50%, 3 seconds: \_\_\_\_\_

What is the speed? (Distance / 3 seconds): \_\_\_\_\_

How far did the Sphero travel for 30%, 3 seconds: \_\_\_\_\_

What is the speed? (Distance / 3 seconds): \_\_\_\_\_

What is the 50% speed divided by the 100% speed: \_\_\_\_\_

- What is that in percentage: \_\_\_\_\_

What is the 30% speed divided by the 100% speed: \_\_\_\_\_

- What is that in percentage: \_\_\_\_\_

Part 4 - Speed Challenge:

How far is it between the starting and ending masking tape pieces: \_\_\_\_\_

What speed should it go for 3 seconds: \_\_\_\_\_

What percentage will you use for speed? \_\_\_\_\_

Part 6 - Color Challenge:

What percentages did you use to make gray? Red: \_\_\_\_\_ Green: \_\_\_\_\_ Blue: \_\_\_\_\_

What percentages did you use to make purple? Red: \_\_\_\_\_ Green: \_\_\_\_\_ Blue: \_\_\_\_\_