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: _______