GRADE 6 VELOCITY WORKSHEET

NAME _____ DATE _____

_____ Measure 10 feet and mark the distance in some way.

_____ Create a program that goes indefinitely. Set the motor power to 75%.

_____ Using the wall clock's second hand or a stopwatch, record how long it takes to go 10 feet. _____ seconds

Calculate the velocity (rate) of your robot in feet per second. Distance = rate x time.

Rate = _____ feet/second

Compare your results with others.

Why are results different for different teams?

What was the fastest speed? _____

Extra credit

What is the velocity of a robot car with the power set to 100%? _____

What is the slowest speed you can get the robot to go? _____