

Speed Machines

Name _____



FORMULA : $\text{SPEED} = \text{Distance} \div \text{Time}$
Round answers to the nearest tenth (one decimal place)!

1. Nascar driver, Jeff Gordon, has a car that is one of the fastest on the circuit. If it travels 600 miles in 4 hours, what is his cruising speed?
2. The fastest car on Earth, a German-made *Thrust SSC*, would win every Nascar race in America. If it takes 0.5 hours (30 minutes) to travel 380 miles, what is its speed?
3. The fastest train on Earth, the *TGV* from France, can travel at faster speeds than trains in the United States. During a speed test, the train traveled 800 miles in 2.5 hours. What is its speed?
4. *Spirit of Australia*, a hydroplane boat, made speed records by traveling 239 miles in 0.75 hours (45 minutes). What is its record-breaking speed?
5. The fastest plane ever made, the *Lockhead SR71*, was able to travel 2200 miles per hour. Based on this speed, how far could it travel in:
 - a. 2 hours?
 - b. 3 hours?
 - c. 5 hours?

Challenge: Out of all the machines on this worksheet, which one is the fastest?