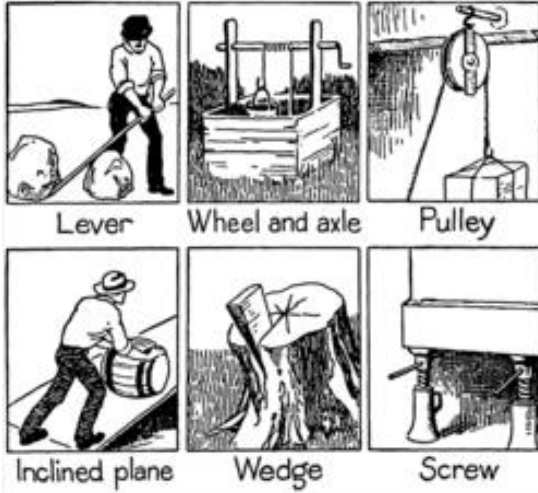


LESSON 1 WORKSHEET
SCENIC SCIENCE PHYSICS

NAME: _____
PARENT INITIAL _____

SIMPLE MACHINES (TOOLS)

We are God’s workmanship; we too can be good workers.



1. What is an example of a simple tool you have at your home:

2. Define SPEED with math symbols: _____

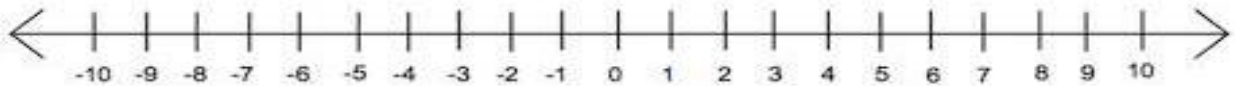
What does each letter represent? S = _____

d = _____ t = _____

3. How is velocity different from SPEED: _____

4. What is Newton’s Third Law of Motion (using math & vector symbols is great)? _____

5. Calculate the Speed & Velocity of your “funny car” using a number line (neg to left):



The funny car (your draw) starts at 0 hrs, travels a constant 10 mph for 5 hrs to the right, then a constant 10 mph for 3 hrs to the left. Where does the car end up on the number line? _____

My funny cars SPEED _____ (constant)

My funny cars VELOCITY _____ (average)

Remember, your car traveled for 8 hours at 10 mph; Each hour on the number line is also equal to 10 miles.

6. Whose workmanship created you? _____ created your car? _____