Name: _____

Question	Monday (10.1.2018)	Tuesday (10.2.2018)	Wednesday (10.3.2018)	Thursday (10.4.2018)
1	A toy car is pushed across a wooden floor, a tile floor, and a carpeted floor. It was observed that it is hardest to push the toy car across the carpeted floor. Which is the ***most likely*** reason it is hardest to push the car across the carpet? a. The car has more mass when it is on the carpeted floor. b. The carpet creates more friction than the other surfaces. c. The car is affected most by gravity on the carpeted floor. d. The carpet pushes more against the car than the other surfaces.	A train travels 100 meters in 10 seconds. It travels 300 meters in the next 10 seconds. By 30 seconds, it has traveled 900 meters. Which ***best*** describes the motion of the train? a. Its speed is decreasing. b. Its speed is increasing. c. Its speed is remaining constant. d. The train is coming back to the station.	A man stands at the top of a steep hill and pushes a ball over the edge with his foot. Which force causes the ball to continue rolling down the hill? a. mass b. gravity c. friction d. air resistance	Which will happen to an object at rest if no other forces are acting on it? a. The object will stay at rest. b. The object will begin to move. c. The mass of the object will increase. d. The gravity on the object will increase.
2	In the first race, a runner ran 400 meters at a speed of 4 meters per second. During the second race, the runner ran another 400 meters at a slower speed. Which statement is ***true***? a. The first race took longer than the second race. b. The second race took longer than the first race. c. Both races took about the same amount of time. d. Both races took exactly the same amount of time.	Which will happen to an object moving at a constant speed if additional force is applied to it in the same direction? a. It will change speed. b. It will increase in mass. c. It will decrease in mass. d. It will keep moving at the same speed.	Which will happen to an object if the forces acting upon it are unbalanced? a. The object will not move. b. The object will move equally in both directions. c. The object will move based on the weaker force. d. The object will move based on the stronger force.	Two toy cars are going to be raced down the same ramp. Which information is ***most helpful*** in predicting which car will win the race? a. length of the ramp b. volume of the cars c. slope of the ramp d. mass of the cars

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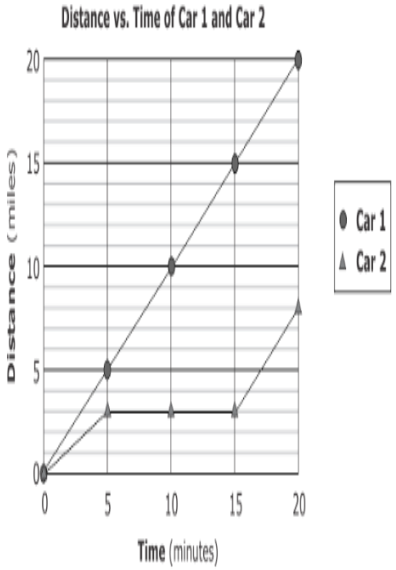
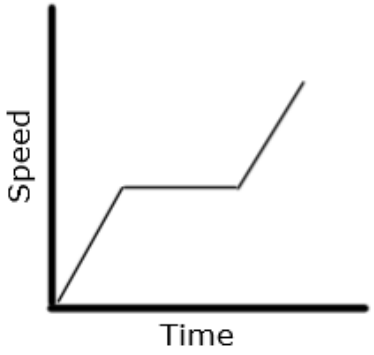
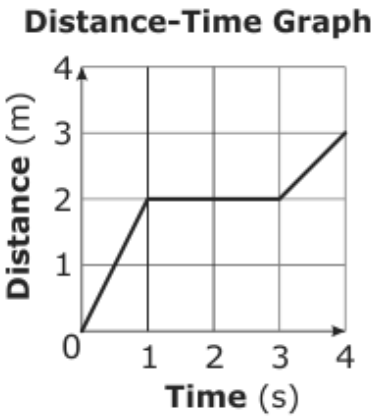
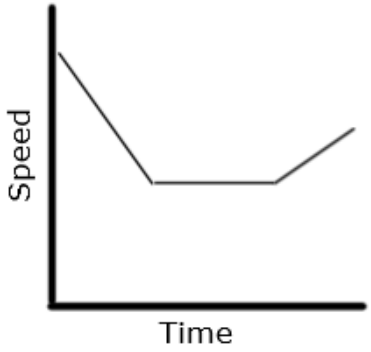
3	Based on the graph, which statement is ***true***?  a. Both cars moved at a constant speed. b. Both cars stopped moving for a period of time. c. Car 1 moved at a constant speed and Car 2 stopped moving for 10 minutes. d. Car 2 moved at a constant speed and Car 1 stopped moving for 10 minutes.	Which statement could ***best*** be used to describe the graph below?  a. The object traveled at a constant speed, stopped moving, then traveled again at a constant speed. b. The object sped up, remained a constant speed, then sped up again. c. The object remained at rest. d. The object went up a hill, went on a flat road, then went up a hill.	What ***best*** describes the motion of the object between minute 3 and 4?  a. The object is moving at a constant speed. b. The object is decreasing its speed. c. The object is moving backward. d. The object is not moving.	Which statement could ***best*** be used to describe the graph below?  a. The object started returning to its starting position, stopped moving, then traveled at a constant speed. b. The object slowed down, remained a constant speed, then sped up. c. The object slowed down, then sped up. d. The object went down a hill, went on a flat road, then went up a hill.
Number Correct (Out of 3)	_____/3	_____/3	_____/3	_____/3