

1 If you apply sufficient force to a rigid object, it will...

- a. break.
- b. change shape temporarily.
- c. change shape permanently.

2 If a ball is rolling on the grass, it will slow down and stop because of...

- a. water resistance.
- b. speed.
- c. friction.

3 A car travels 300 km in 6 hours. Its speed is...

- a. 20 km/h.
- b. 50 km/h.
- c. 180 km/h.

4 You throw a ball up in the air. As it travels upwards, gravity...

- a. causes the ball to speed up.
- b. causes the ball to slow down.
- c. does not affect the ball.

5 The component of a machine that produces movement is the...

- a. operating part.
- b. structure.
- c. motor.

6 Indicators and screens...

- a. give information about what the machine is doing.
- b. receive information from outside the machine.
- c. distribute electricity throughout the machine.

7 Gears are...

- a. levers that turn in circles.
- b. wheels with teeth.
- c. rods that support rotating wheels.

8 Pedals on a bicycle are an example of...

- a. axles.
- b. belts.
- c. levers.

9 The foundation of a structure...

- a. transmits weight to the columns.
- b. is built in the ground.
- c. connects the cables to the beams.

10 To regulate the temperature in our homes, we use...

- a. water flow regulators.
- b. appliances.
- c. thermostats.