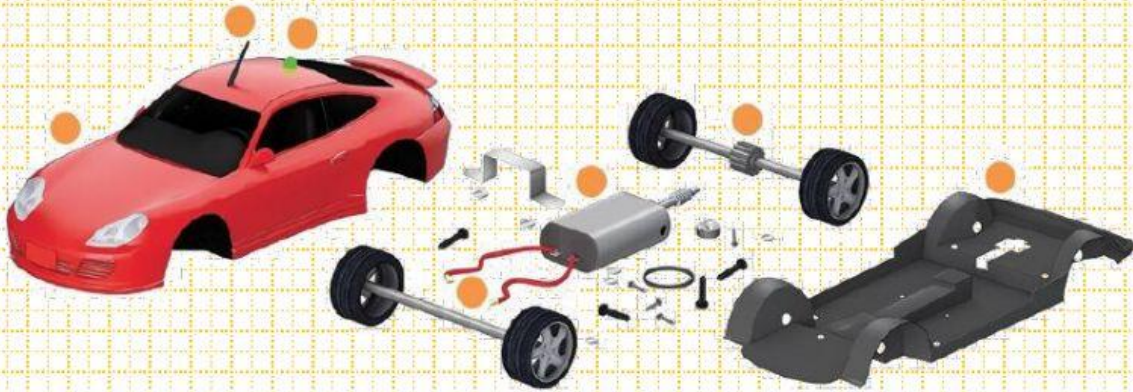


FORCES AND MACHINES



1. Match the components to the correct places in the picture.

indicator sensor cover motor structure operating part electrical circuit



2. Choose the correct answers.

1. Which operating parts make up the mechanism of a bicycle?

- ☐ A Springs, brakes and pedals.
- ☐ B Gears and chain.
- ☐ C Brakes, frame and wheels.

2. Which of these bicycle components is a mechanism?

- ☐ A The wheels.
- ☐ B The handlebar.
- ☐ C The transmission.



3. What do the gears do?

- ☐ A They help to produce movement inside the machine.
- ☐ B They help the brakes work.
- ☐ C They allow changes of direction.

3. Match the characteristics and functions to the operating parts.



They rotate in the same direction as the wheels they support.	→	wheels
They store energy.	→	axes
They transmit movement from one wheel to another wheel.	→	chains
These are wheels with teeth.	→	levers
These transmit force and can multiply or reduce it.	→	springs
They can be smooth or they can have teeth.	→	gears
They are used in some manual machines to start movement.	→	cranks

