

## Exercises compound machines. 2

### 1. Drag the word to complete the sentences:

tyres      wipers      brakes      engine

- The \_\_\_\_\_ converts electrical or chemical energy into mechanical energy.
- \_\_\_\_\_ press the wheels and make the car decrease its speed.
- The \_\_\_\_\_ reduce friction and help the car's wheels to move .
- \_\_\_\_\_ clean the windscreen of rain, snow and dust

2. Match the picture with the correct word:



tyres



wipers



brakes



engine



wheel

**3. Fill in the gaps to complete the sentences:**

opposite   Axles   chains   Belts   wheels

Gears   teeth   wheel   compound   Component

- A \_\_\_\_\_ machine is made of two or more simple machines.
- Each part or \_\_\_\_\_ carries out a different function.

Some common forms of transmission are the following:

② \_\_\_\_\_ connect two \_\_\_\_\_. When one wheel turns, the force is transmitted along the axle making the other wheel turn.

② \_\_\_\_\_ are wheels, usually of different sizes, that work in pairs. The wheels have \_\_\_\_\_ that interlock. When one wheel turns, it forces the other wheel to turn in the \_\_\_\_\_ direction.

② \_\_\_\_\_ and \_\_\_\_\_ transmit a force from one wheel to another \_\_\_\_\_. When one wheel turns, it makes the belt move. The force is transmitted along the belt to the second wheel.