

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:

□ _____ connect two _____. When one wheel turns, the force is transmitted along the axle making the other wheel turn.

□ _____ 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.

□ _____ 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.