

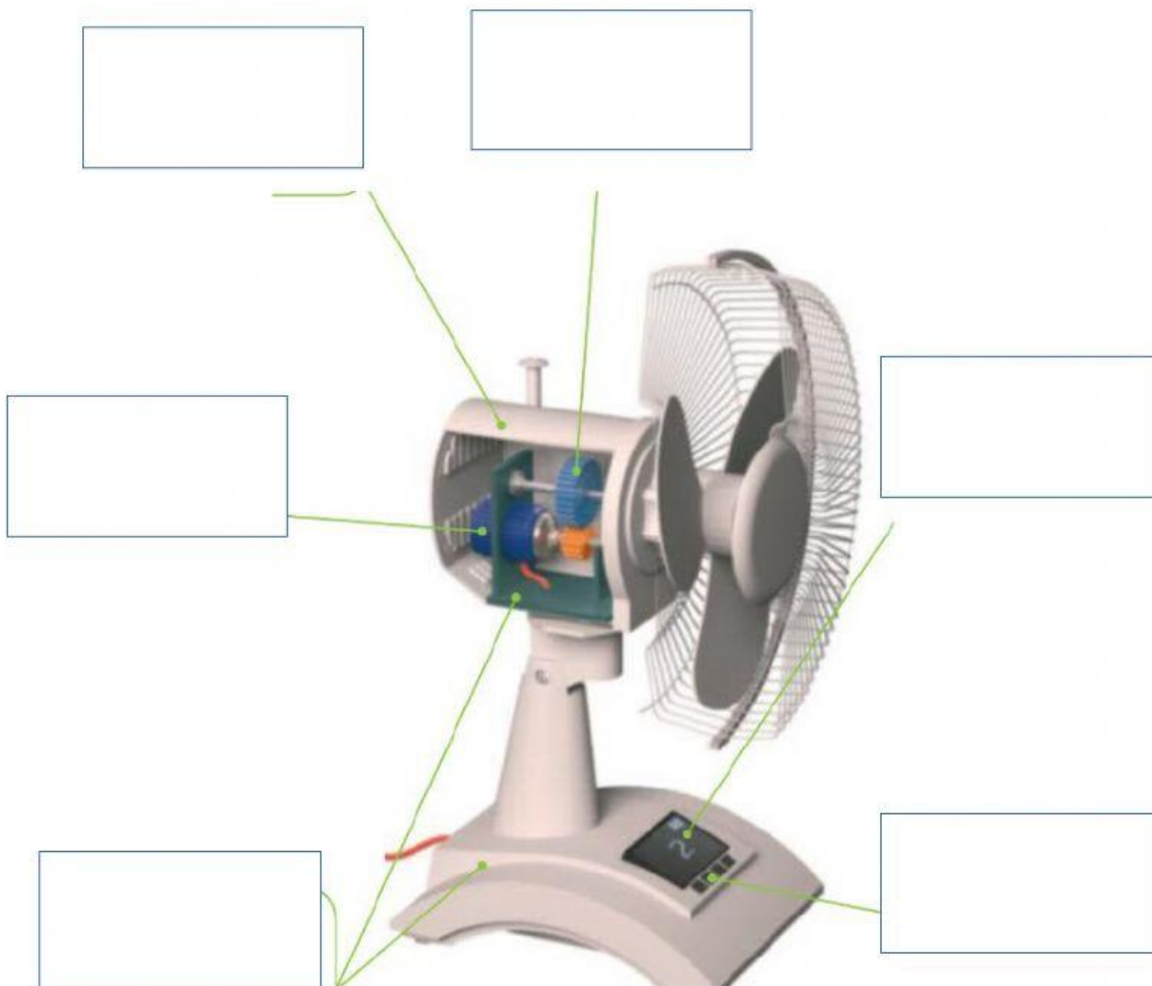
## Simple machines:

1. Write *more* or *less* to complete the sentences.

- a Lifting an object with a pulley requires \_\_\_\_\_ effort than lifting the object without it.
- b Lifting an object straight up requires \_\_\_\_\_ force than pushing it up a ramp.
- c When a force is applied to the long end of a lever, the short end moves \_\_\_\_\_ distance, but it exercises \_\_\_\_\_ force on the object.

## Complex machines

2. Label components of complex machines.



3. Tick the direction of the gears

