

Simple and complex machines

(5th grade)

1. Complete the sentences:

- a.machines are made of many different parts that work together.
- b.machines have only one or a few
- c. The different parts of a complex machine are called.....

parts

complex

components

simple

2. Match the machines.

A car

A hairdryer

An Inclined plane

A motorbike

**SIMPLE
MACHINE**

**COMPLEX
MACHINE**

A pulley

A computer

A wheel

A lever

3. Look the pictures and write which simple machine helps in each situation. Write the numbers.

a. The washing machine is heavy. How can we get it up the steps?

b. You need to get that sofa up to the top flat

c. I want to paint my room but I can't open the tin of paint.

1. You need a small lever to open the lid.

2. You need some very strong pulleys. The sofa looks heavy.

3. You need an inclined plane to push it up.

4. Answer the questions about complex machines. Write the numbers.

- a. Which components move the machine?
- b. Which components tell us what work the machine is doing?
- c. Which component supports other components
- d. Which component receive information?
- e. What component carries electricity through the machine?

1. Electrical circuits.

2. The motor.

3. The antenna.

4. The screens and indicators.

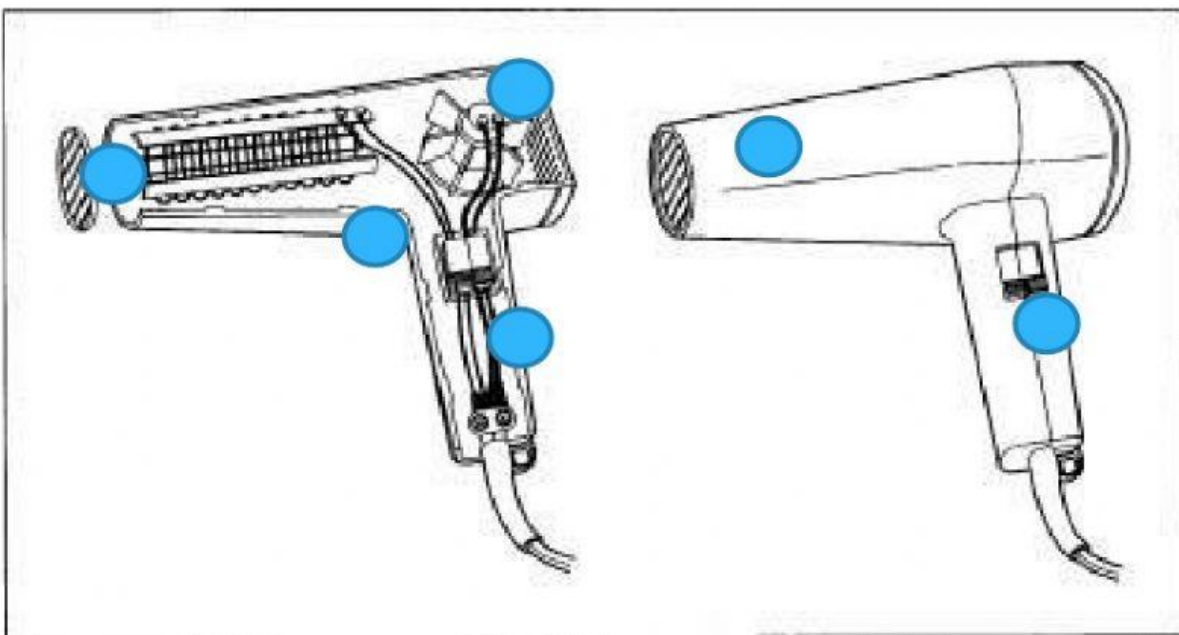
5. The structure.

5. Label the components.

ELECTRICAL CIRCUITS

COVER

THE STRUCTURE



THE MOTOR

POWER SWITCH

THE OPERATING PARTS