ACTIVITY 13,14,15,16 IN SIPRO

1.A wedge is a machine or tool with sharp edges.

2.Hoes,knives,pangas,razor blades etc.

3.It has two slanting surfaces.

4.

5.Wedges are used for cutting/splitting logs/treaming/peeling.

6.a panga is used for cutting,knife for peeling,axe for splitting logs of wood and cutting big trees.

7.A razor blade,a cutter, a sharpener.

ACTIVITY 13

1.Screws,wedges,pulleys.

2.They help in parts of vehicles with mechanical problems.

3.Helps in fastening materials or objects .

4.When fastening the parts of the radio,TV,bicycles,lids of bottles etc.

5.Less effort is needed to overcome a bigger load.

ACTIVITY 15

1.Wheel and axles.

2.They are used for changing the direction in vehicles.They are used for making holes in woodwn and metallic objects/structures.

3.Door knobs,pedal wheels of bicycles,wind lasses.

4.Helps to open small tins/ Helps in tightening screws on objects.

5.Makes the turning of vehicles easy.

6.wheel and axle

7.when opening the door/when sewing clothes.

ACTIVITY 16

1.Bicycles,grinding machines,vehicles.

2.The number of teeth in the smaller wheel is twice the number of the teeth in the bigger wheel.

No of teeth in big wheel = 30 teeth

No of teeth in a small wheel =10 teeth

30/10   =3

Therefore the small wheel will make 3 revolutions in a bigger wheel.

3.Gears multiply speed in vehicles/They help vehicles to move.

4.Since the bigger makes 10 revolutions,MATHEMATICALLY the small wheel will make twice the movement of the bigger wheel.

*10x2   =20 revolutions.

-Gear B will make 2 revolutions.

5.The chair wheel.

NOTE;You need to read both the sipro and mk books to find out correct researched answers.