

1. Calculate the maximum weight to be lifted by the finger. Write the formula.

Data: Formula: X = X

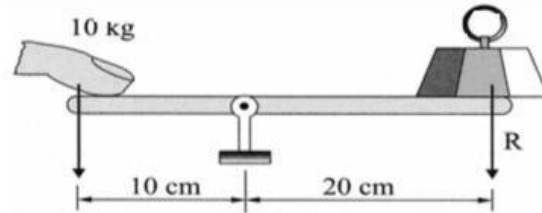
F =

A_F =

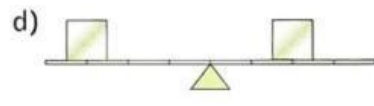
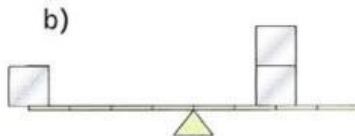
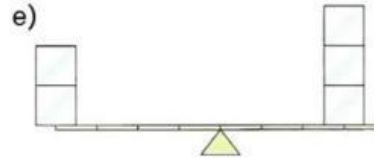
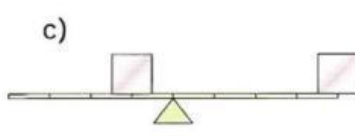
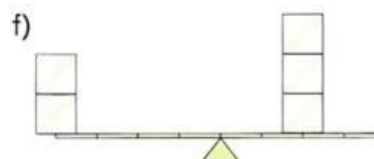
R =

A_R =

Solution: Kg



2. For the following levers, explain whether the lever rotates to the right, to the left or is in equilibrium.

a) 	d) 	a.
b) 	e) 	b.
c) 	f) 	c.
		d.
		e.
		f.

3. Calculate the maximum distance needed to lift the load of the crane.

Data: Formula: X = X

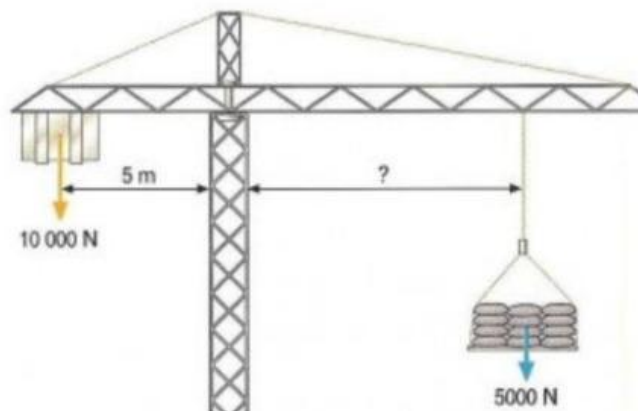
F =

A_F =

R =

A_R =

Solution: m



4. Calculate the maximum weight to be lifted by the wheelbarrow. Write the formula.

Data: Formula: X = X

F =

A_F =

R =

A_R =

Solution: N

