

Question 3

-----> ←-----125 N 600 N

Predict how this force diagram will move.

475 N

Question 4

Which scientist wrote the first laws about motion?

NEWton

Question 5

What does the symbol N represent about motion?

newton

Question 6

Which simple machine would cut or split an object?

Wedge

Question 7

---→ ←---600 N 600 N

Is this force diagram balanced or unbalanced?

Question 8

If an object was pushed with a force of 500 N, and it moves 0 meters, how much work was done?

Question 9

Which simple machines could lift an object off the ground?

pulley incline lever

Which simple machine uses a fulcrum?

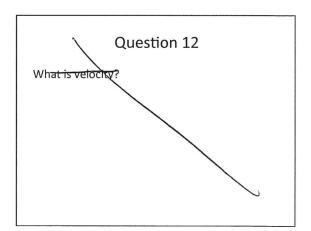
Question 10

Question 11

---→ ---→ 250 N 250 N

What is the net force of this diagram?

500 N R



Question 13

Which type of simple machine allows you to roll an object uphill?

incline plane

Question 14

Draw a force diagram that is unbalanced and has a net force of 300 newtons.

(100 N 400 N

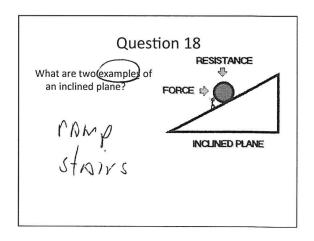
Question 15

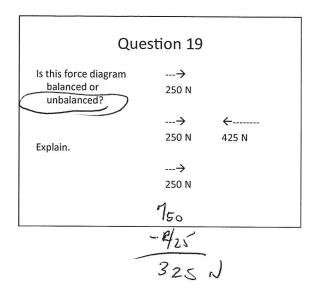
Which type of simple machine allows you to pry something open?

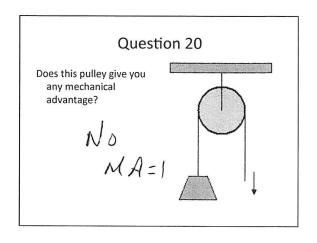
lever

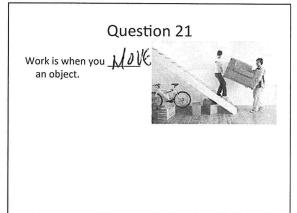
Question 16 Is this system balanced or Unbalanced? What is the net force of this system?

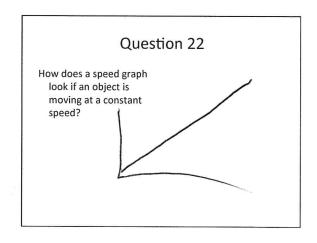
Question 17 What simple machine is wrapped around a screw?

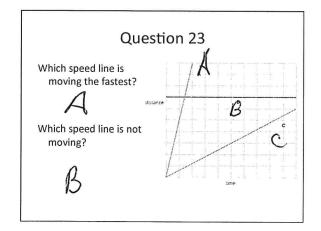


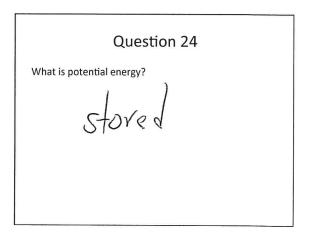












Question 25

What are two examples of kinetic energy?

KIL on bike

CIVEV Mouring

