

Science MiniSATS

FORCES

(Year 5)

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Name

Score

%

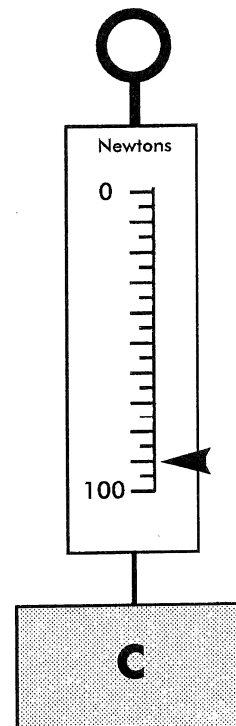
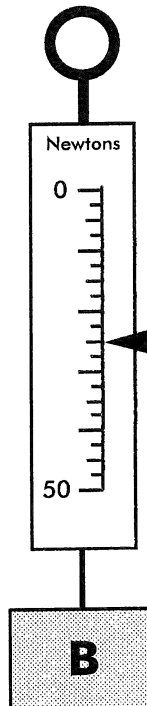
Level

FORCES

Y5

1

Forcemeters



The **force of gravity** pulls each of the blocks A, B and C downwards towards the ground. This force of gravity is called **weight** and a **forcemeter** measures it in a unit called the **newton (N)**.



What is the weight of block A?



What is the weight of block B?



What is the weight of block C?

Label the parts of the bicycle using the words below.

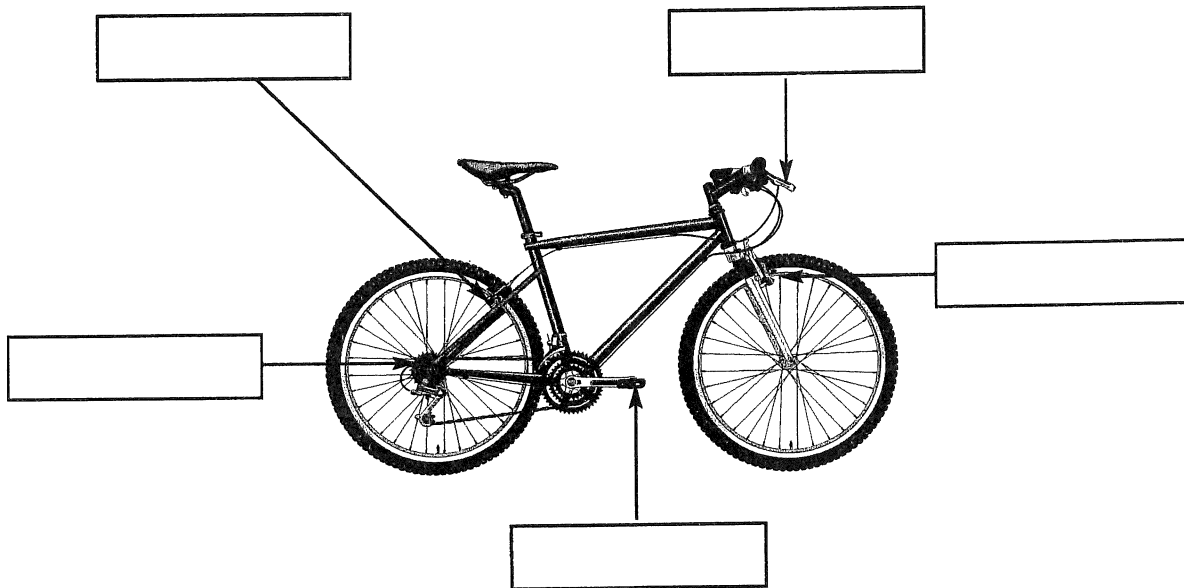
back brakes

brake lever

pedal

front brakes

gear 'teeth'



Which **two** parts make use of levers? _____



When do you need to **change to a lower gear** on a bicycle?



How do you **benefit** when you are in a lower gear?



Explain where **friction** plays a **vital role** on a bicycle.
