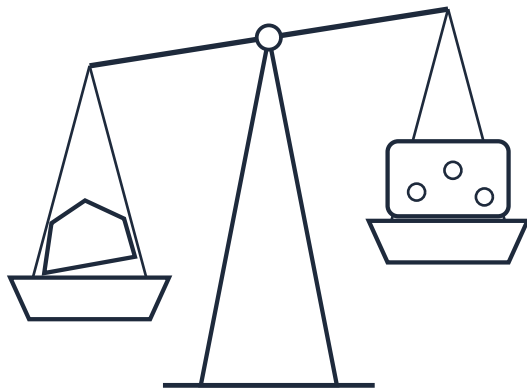


Read each balance and answer the question under it.

Circle the heavier object. If the beam is level, circle the words same mass instead.

1



rock

sponge

same mass

2



bottle of sand

bottle of rice

same mass

3



feather

block

same mass

4



pencil case

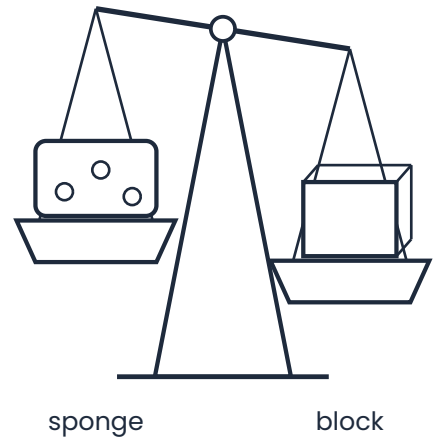
book

same mass

**In each one you are told which object is the heaviest or the lightest.
The scales show the other two, so you have everything you need.**

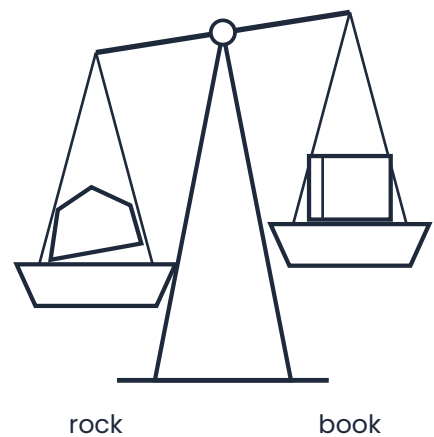
- 1** The bottle of sand is the heaviest of the three.

Write the order, lightest first.



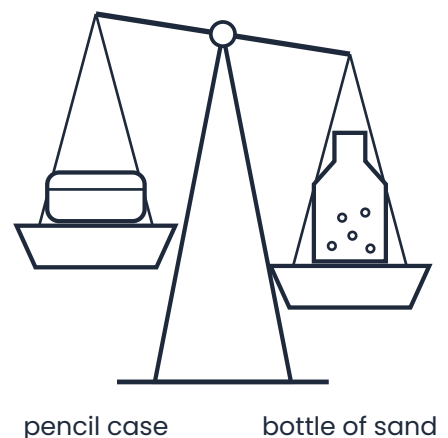
- 2** The feather is the lightest of the three.

Write the order, lightest first.



- 3** The beach ball is the lightest of the three.

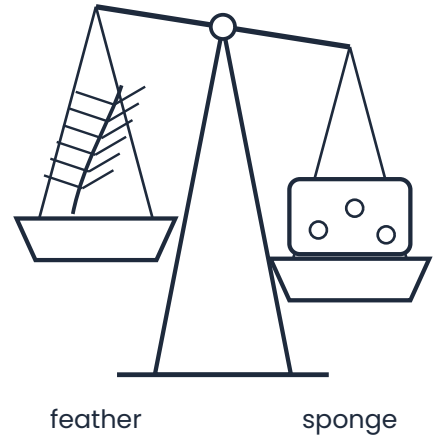
Write the order, lightest first.



**In each one you are told which object is the heaviest or the lightest.
The scales show the other two, so you have everything you need.**

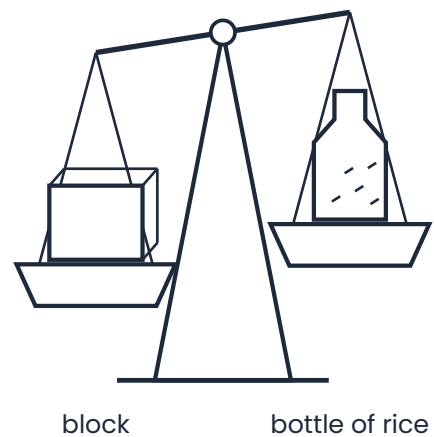
- 1** The rock is the heaviest of the three.

Write the order, lightest first.



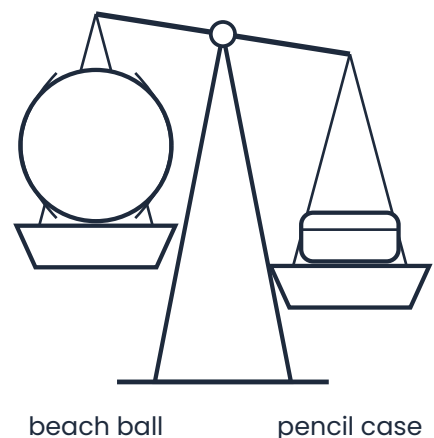
- 2** The empty box is the lightest of the three.

Write the order, lightest first.



- 3** The book is the heaviest of the three.

Write the order, lightest first.



**In each one you are told which object is the heaviest or the lightest.
Look carefully at the beam before you answer.**

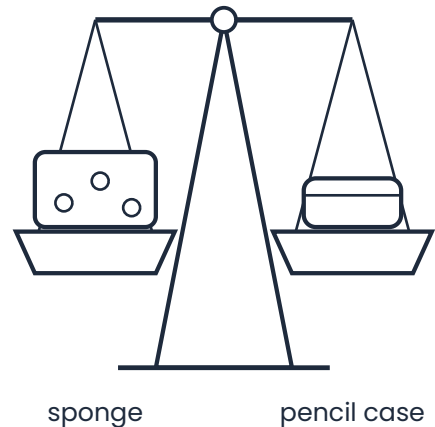
- 1** The bottle of sand is the heaviest of the three.

Circle what is true.

The sponge and the pencil case have the same mass.

The sponge is heavier than the pencil case.

The pencil case is the heaviest of the three.



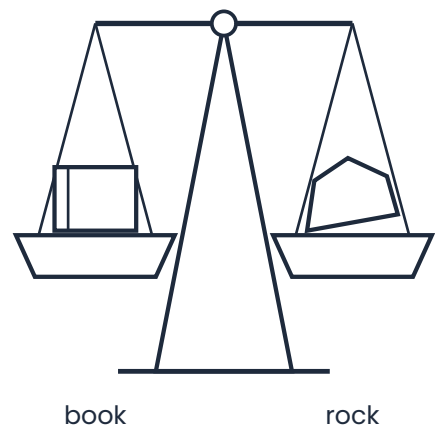
- 2** The feather is the lightest of the three.

Circle what is true.

The book and the rock have the same mass.

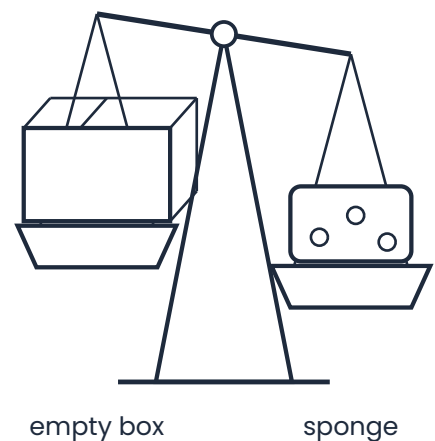
The rock is heavier than the book.

The feather is heavier than the book.



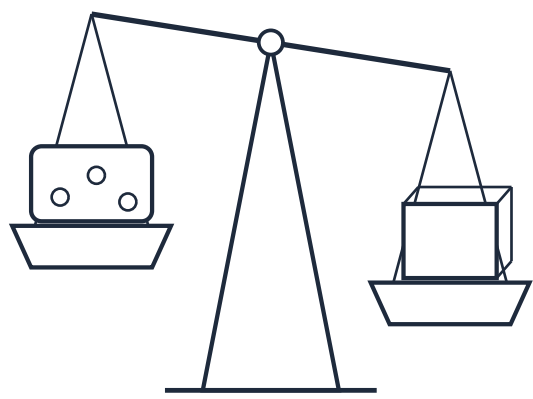
- 3** The rock is the heaviest of the three.

Write the order, lightest first.



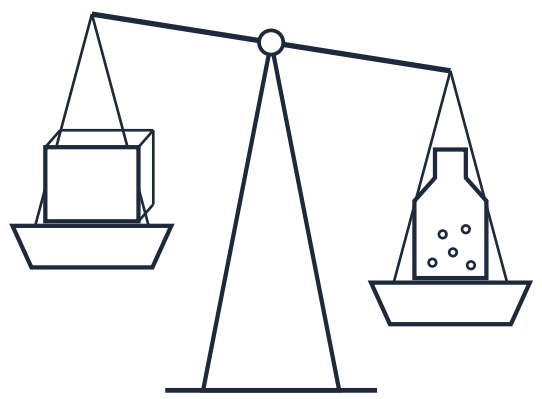
Each row of two balances was used on the same three objects.
 Write 1 beside the lightest, 2 beside the next and 3 beside the heaviest.

1



sponge

block



block

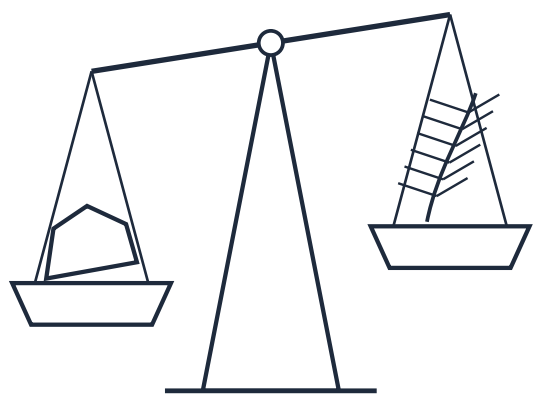
bottle of sand

block _____

bottle of sand _____

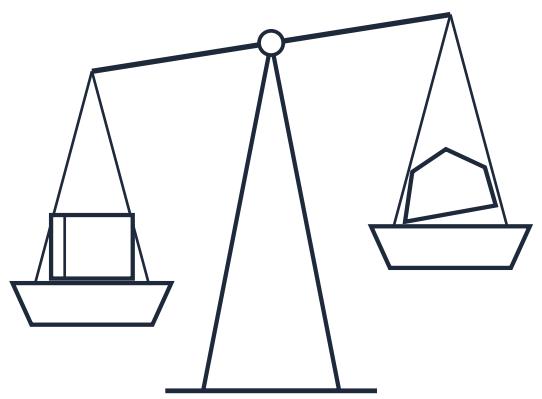
sponge _____

2



rock

feather



book

rock

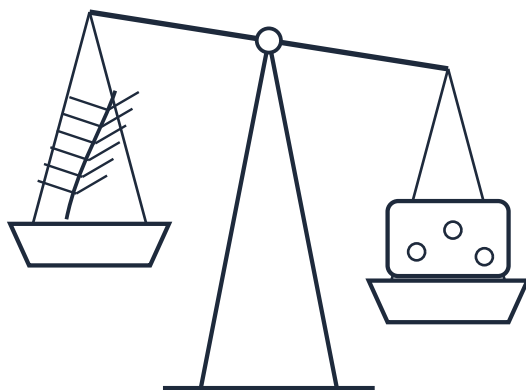
book _____

feather _____

rock _____

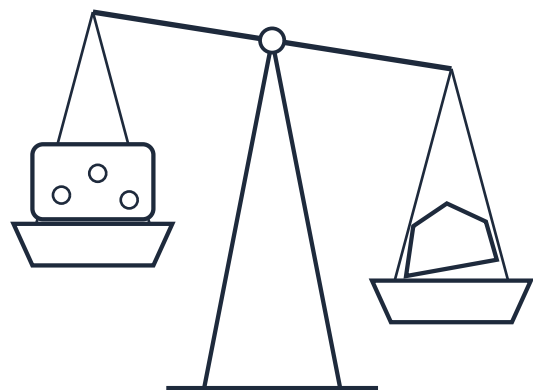
Each row of two balances was used on the same three objects.
Nothing has been named for you, so the two balances are all you have.

1



feather

sponge



sponge

rock

Write 1 beside the lightest, 2 beside the next and 3 beside the heaviest.

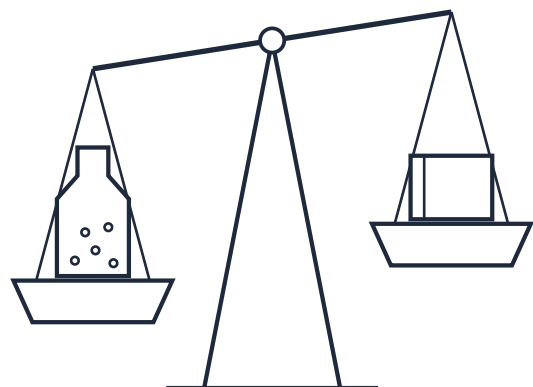
rock ____ feather ____ sponge ____

2



pencil case

book



bottle of sand

book

Circle the heaviest object. Put a tick on the lightest object.