2 Alysha and Beth go on a bike ride.

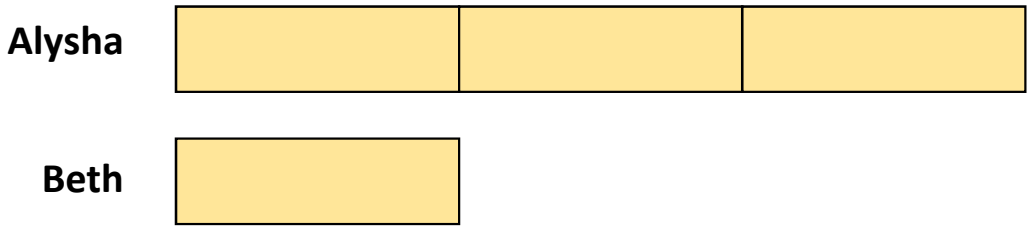
- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

In the morning, Alysha cycles three times as far as Beth.

We can show this on the bars.

All of these parts are equal.

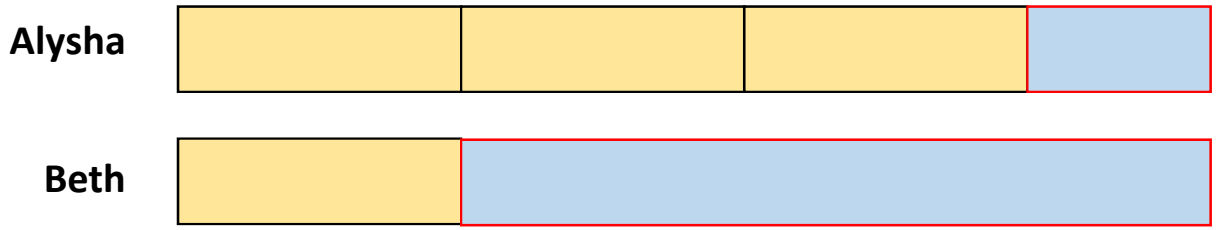


2 Alysha and Beth go on a bike ride.

- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

By the end of the afternoon, they have both cycled the same distance.

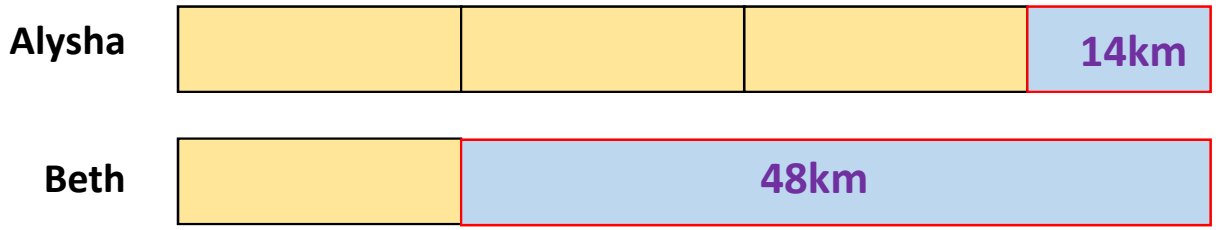


2 Alysha and Beth go on a bike ride.

- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

In the afternoon, Alysha cycles 14km and Beth 48km.



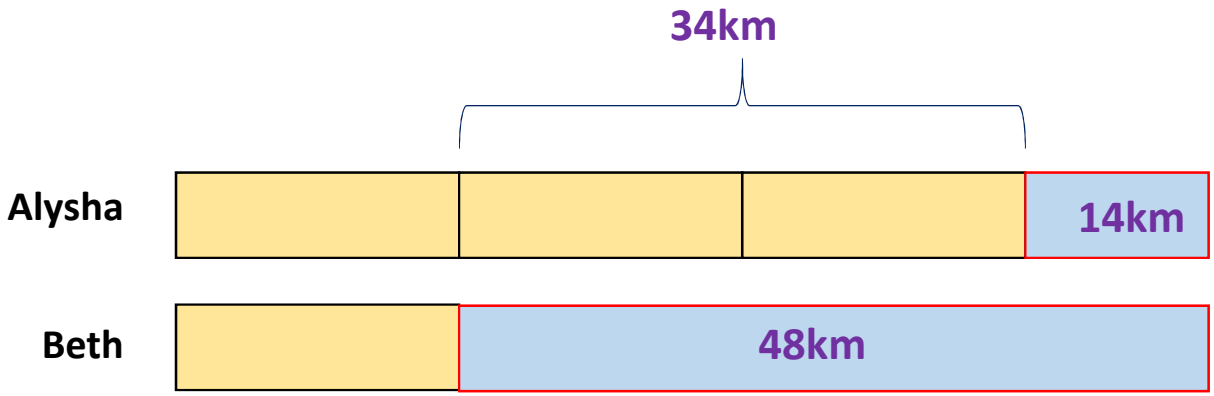
2 Alysha and Beth go on a bike ride.

- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

White Rose Maths

These parts of the bar must be 34km as we can see that they are 14km less than 48km



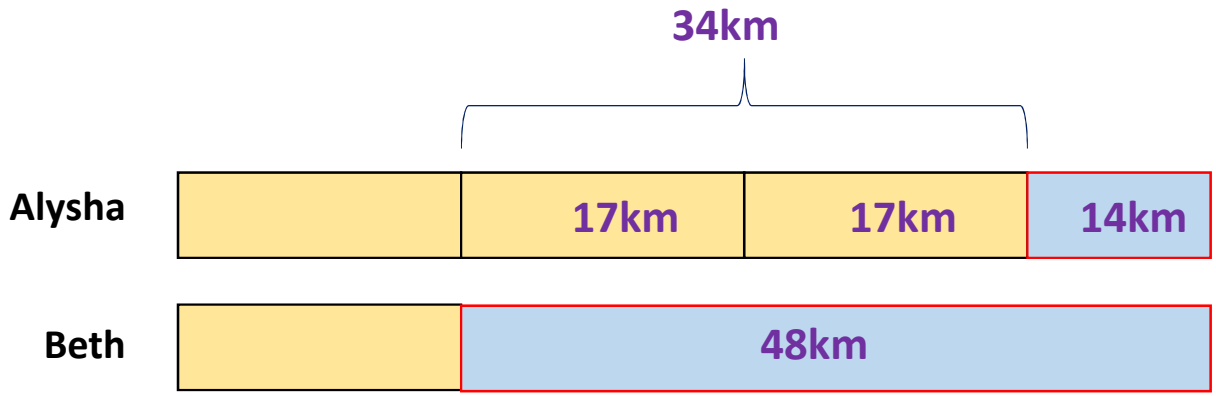
2 Alysha and Beth go on a bike ride.

- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

White Rose Maths

As the two parts are equal and sum to 34km, each must be 17km.

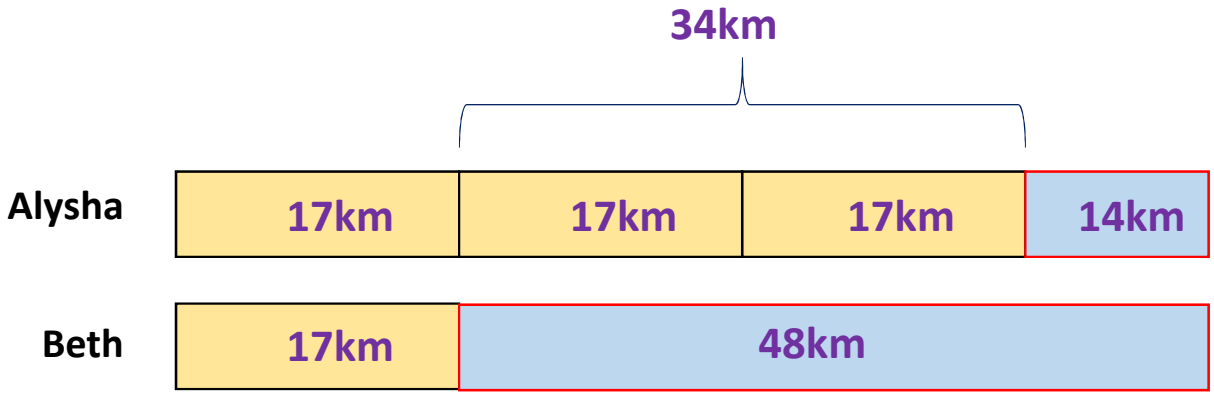


2 Alysha and Beth go on a bike ride.

- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

We can fill in the other cream coloured parts as we know they are equal.

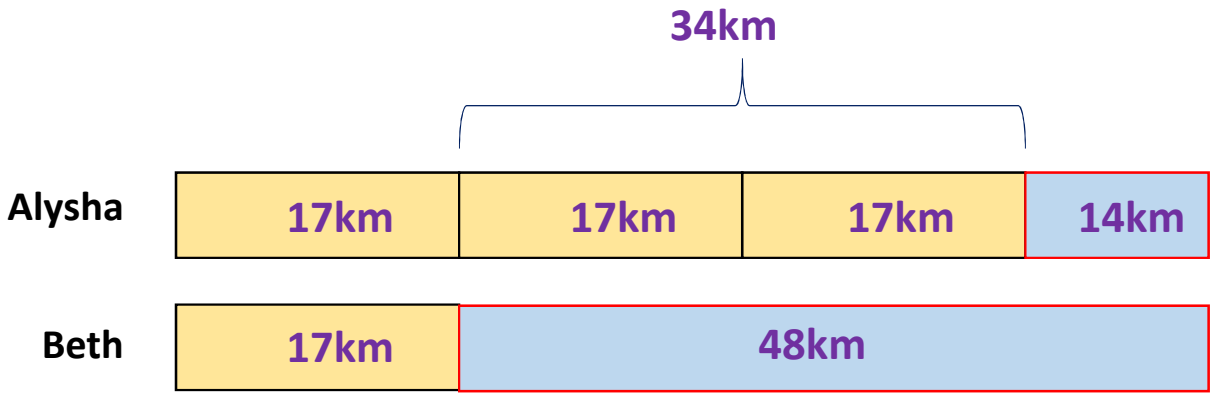


2 Alysha and Beth go on a bike ride.

- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

We can now see how far each cycled in the morning.



2 Alysha and Beth go on a bike ride.

- In the morning Alysha cycles 3 times as many km as Beth.
- In the afternoon Alysha cycles 14 km and Beth cycles 48 km.
- They have now cycled the same distance.

How many km did Alysha cycle in the morning?

Alyssa cycled 3 x 17km = 51km

