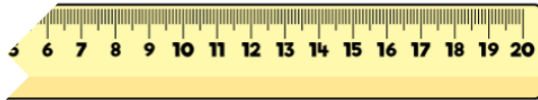


Whitney's ruler is broken.
How could she use it to still measure items?



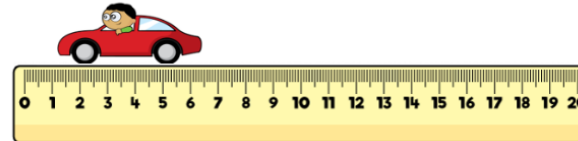
Tommy thinks that this chocolate bar is 4 cm long.
Is he correct?



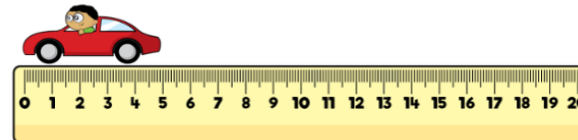
Convince me.

Three children measured the same toy car.

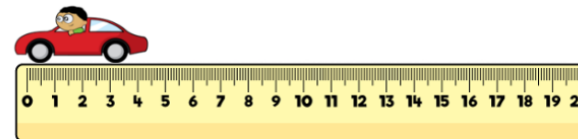
Eva says that the car is 6 cm and 5 mm



Dexter says the car is 5 cm

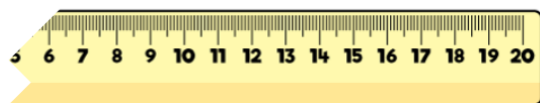


Annie says the car is 4 cm 5 mm



Who is correct?
Who is incorrect?
Explain why.

Whitney's ruler is broken.
How could she use it to still measure items?



Tommy thinks that this chocolate bar is 4 cm long.
Is he correct?



Convince me.

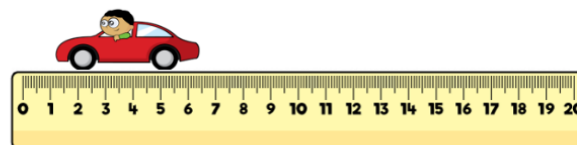
Possible answer:

She could start from a different number and count on.

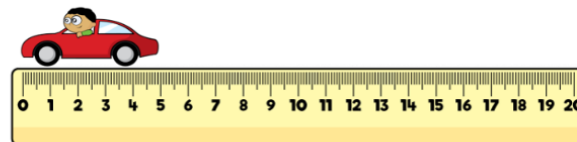
He is incorrect because he has not placed the chocolate bar at 0, he has put it at the end of the ruler.

Three children measured the same toy car.

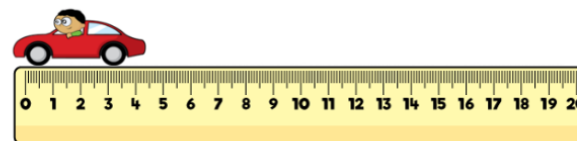
Eva says that the car is 6 cm and 5 mm



Dexter says the car is 5 cm



Annie says the car is 4 cm 5 mm



Who is correct?
Who is incorrect?
Explain why.

Dexter is correct.
The other two children have not lined up the ruler correctly: Eva has started at 1 cm and 5 mm instead of 0 and Annie has started at the end of the ruler.

Amir has a metre stick.

He wants to measure the length of his classroom.

I can't measure the length of the classroom because my metre stick isn't long enough.



Explain to Amir how he could measure the length of his classroom.

Amir has a metre stick.

He wants to measure the length of his classroom.

I can't measure the length of the classroom because my metre stick isn't long enough.



Explain to Amir how he could measure the length of his classroom.

Amir can measure the length of the classroom by putting a marker at the end of the metre stick and then starting again at that point, moving his metre stick as he measures.