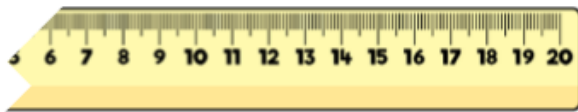


Can I measure accurately (mm, cm)? (Y3)

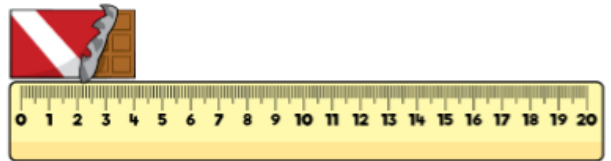
### Reasoning and problem solving

This page does not need to be printed. In your book, write the short date you do the work and the above question, underlining them neatly with a ruler.

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



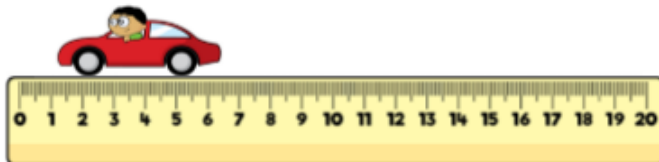
- 2) Tommy thinks that this chocolate bar is 4 cm long.  
Is he correct?



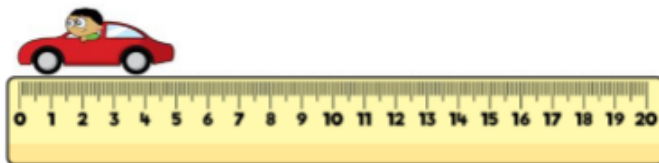
Convince me.

- 3) Three children measured the same toy car.

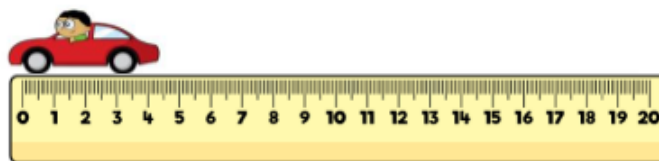
Eva says that the car is 6 cm and 5 mm



Dexter says the car is 5 cm



Annie says the car is 4 cm 5 mm



Who is correct?  
Who is incorrect?  
Explain why.

Answers are on the next page.

# Measure Length

## Reasoning and Problem Solving

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



Possible answer:

She could start from a different number and count on.

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

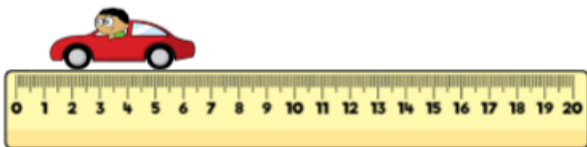


Convince me.

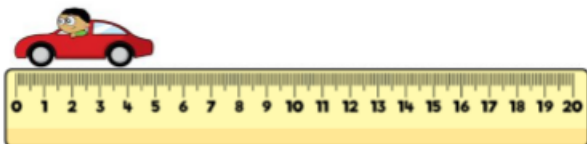
He is incorrect because he has not placed the chocolate bar at 0, he has put it at the end of the ruler.

Three children measured the same toy car.

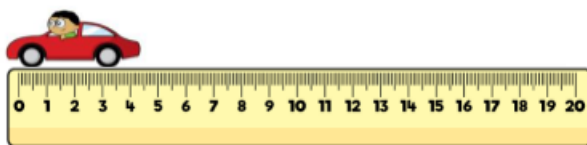
Eva says that the car is 6 cm and 5 mm



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.