



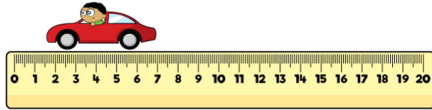
West Byfleet Junior School

Problem of the Week - Week 14

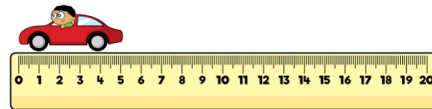


2 Points

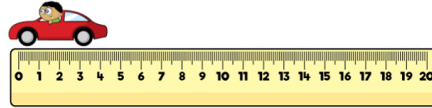
Three children measured the same toy car.
Eva says that the car is 6 cm and 5 mm



Dexter says the car is 5 cm



Annie says the car is 4 cm 5 mm



Who is correct?

Who is incorrect?

Explain why.

4 Points



In this problem symbols have been used to represent two different numbers.

Write down the value of each, as a mixed number and as a decimal.

$$\text{blue circle} = 1 \quad \text{orange star} = \frac{1}{10} \quad \text{green triangle} = \frac{1}{100} \quad \text{yellow pentagon} = \frac{1}{1000}$$

5 Points

Here are two formulae.

$$p = 2a + 5$$

$$c = 10 - p$$

Find the value of c when $a = 10$

Attempt to solve one or more of the problems and submit your solutions to Miss Eastland via email eeastland@west-byfleet-junior.surrey.sch.uk

Submit your solution on or **before Wednesday 17th March** for your points to be added to the leaderboard, if your answer(s) are correct.

The leaderboard, weekly problems and solutions can be found on the school website under: Pupils - Our Curriculum- Mathematical Development- Problem of the Week