

Perimeter: adding sides up

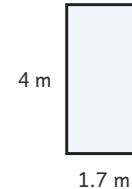
MODULE 4 · MEASURES — LENGTH, MASS, CAPACITY, AREA, VOLUME MEASURES

HOW TO ANSWER TODAY

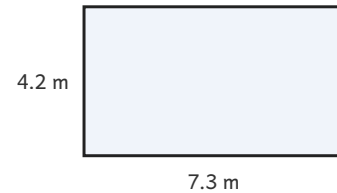
- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: $(\text{length} + \text{width}) \times 2$.
 $12 \text{ m by } 8 \text{ m} \rightarrow (12 + 8) \times 2 = 40 \text{ m}$

★ STRETCH PROBLEMS

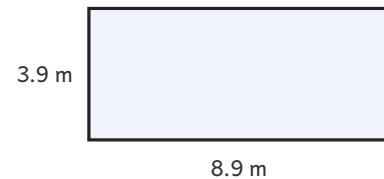
- 1 For Engineers Week, Cian is cutting a rectangular wooden frame for the class project. The frame measures **1.7 m** by **4.0 m**. What is its perimeter?



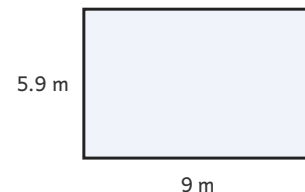
- 2 Aoife and her classmates are planning a rectangular vegetable bed for the school garden. The bed will measure **7.3 m** by **4.2 m**. What is its perimeter?



- 3 Mr Byrne is marking out a small soccer pitch on the school field for 5th class training. The pitch measures **8.9 m** long and **3.9 m** wide. What length of line does he need to mark around the whole perimeter?



- 4 Cian draws a scale plan of the classroom on grid paper. The classroom is a rectangle measuring **9.0 m** by **5.9 m**. What is its perimeter?



- 5 5th class are planning a new rectangular flowerbed in the school garden. It measures **3.3 m** by **7.3 m**, and they want to put a low wooden border all the way around it. What length of border do they need in total?

