20.5.2020

LO: calculate the area of a parallelogram

The formula to calculate the area of a parallelogram is base x height.
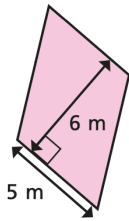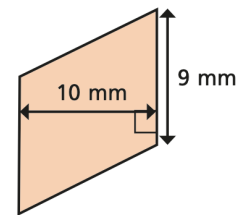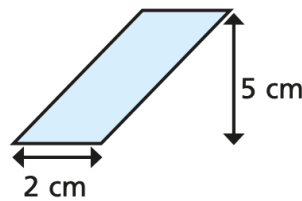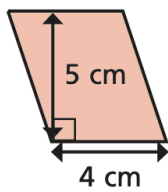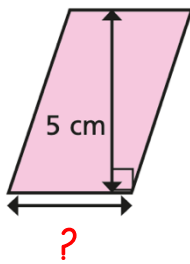
A) Look at the shapes to the right. Explain how the image can demonstrate that the formula for the area of a parallelogram is the same as the formula for the area of a rectangle.
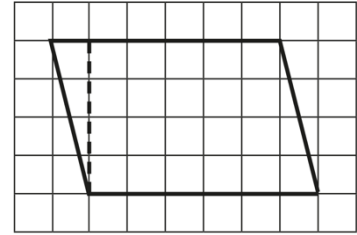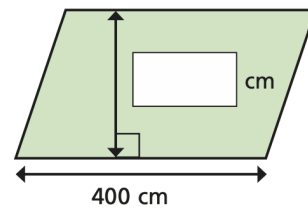
B) Calculate the area of the following parallelograms

5 cm
4 cm

5 cm
2 cm

10 mm
9 mm

6 m
5 m

3 m
4 m
6 m

8 cm
7 cm
5 cm
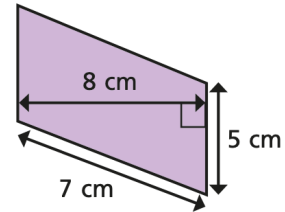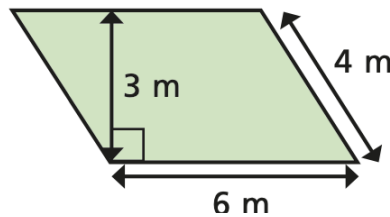
C) Find the missing lengths.

5 cm
Area = 15cm^2
?

cm
400 cm
Area = 12m^2

D) Here is a rhombus inside a rectangle.

Calculate the area of the rhombus.

5 cm
4.8 cm
6 cm