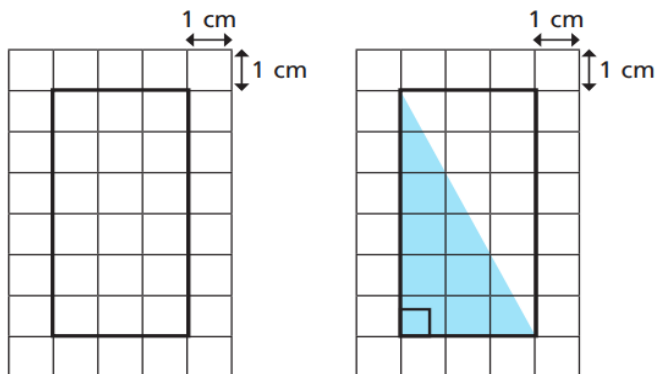


- 2 a) Calculate the area of the rectangle and the triangle.



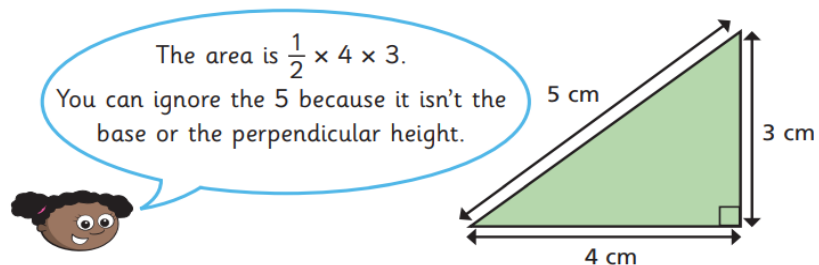
area = cm²

area = cm²

- b) Explain how you worked out the area of the right-angled triangle.

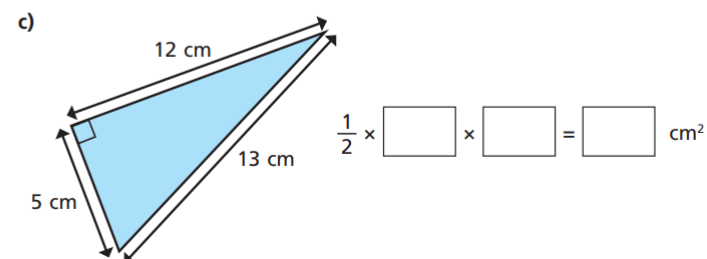
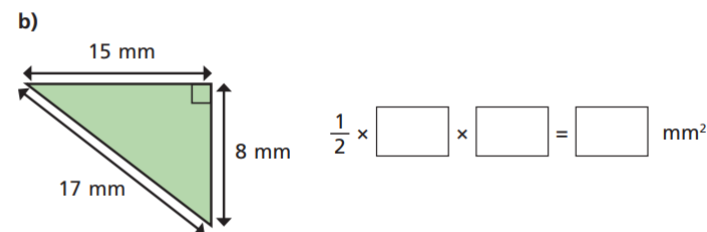
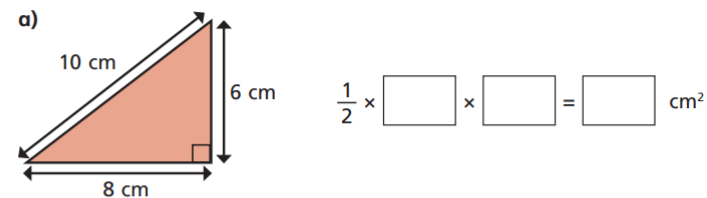
- 4 Whitney is calculating the area of the triangle using the formula.

$$\text{Area} = \frac{1}{2} \times \text{base} \times \text{perpendicular height}$$

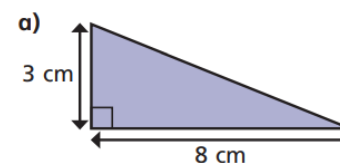


Do you agree with Whitney? _____

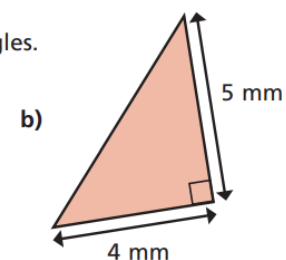
- 5 Insert the correct numbers into the formula to calculate the area of the triangle.



- 6 Calculate the areas of the triangles.

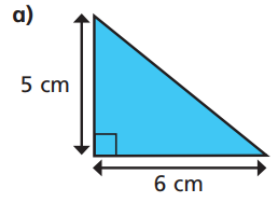


area = cm²

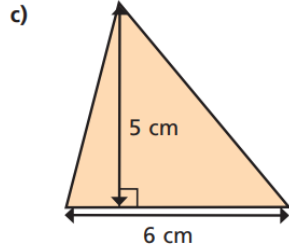


area = mm²

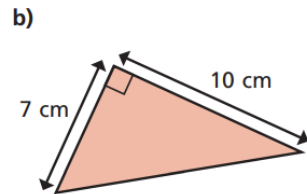
2 Calculate the area of the triangles.



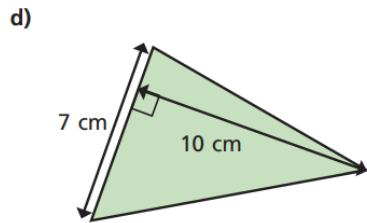
area = cm²



area = cm²

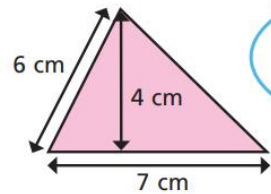


area = cm²



area = cm²

3 What mistake has Dora made?

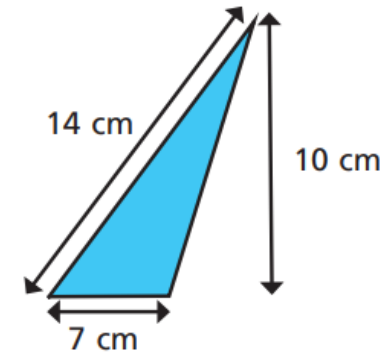
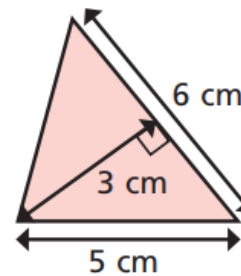
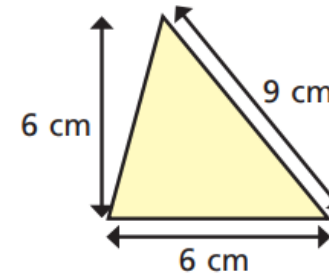
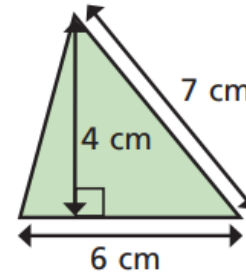


To find the area you do
 $7 \times 6 \div 2 = 21 \text{ cm}^2$



4 Label the base of each triangle b .

Label the perpendicular height h .



5 Are the statements always, sometimes or never true?

The side at the bottom of a triangle is the base.

The perpendicular height is equal to the vertical height.