Area of rectangles, parallelograms and triangles

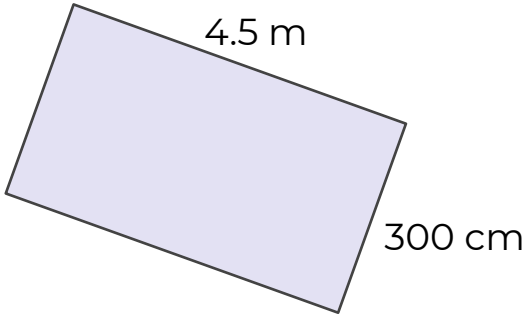
Maths

Mr Chan

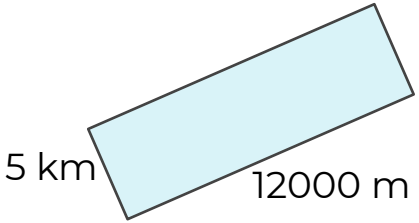
Area of rectangles, parallelograms and triangles

1. Calculate the area of rectangles.

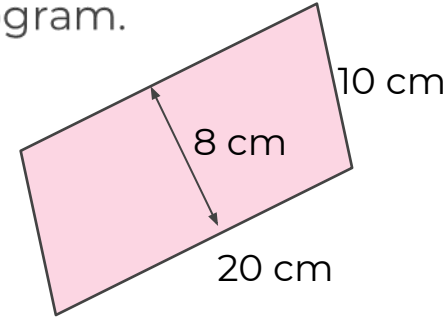
a)



b)



2. Eva is working out the area of the parallelogram.



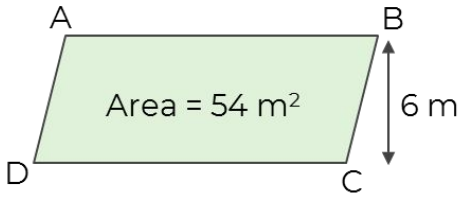
Here is her working

$$10 \times 20 = 200\ cm^2$$

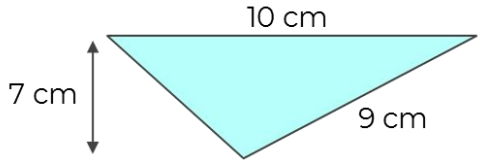
What mistake has she made and what is the correct answer?

Area of rectangles, parallelograms and triangles

3. Find the length AB.

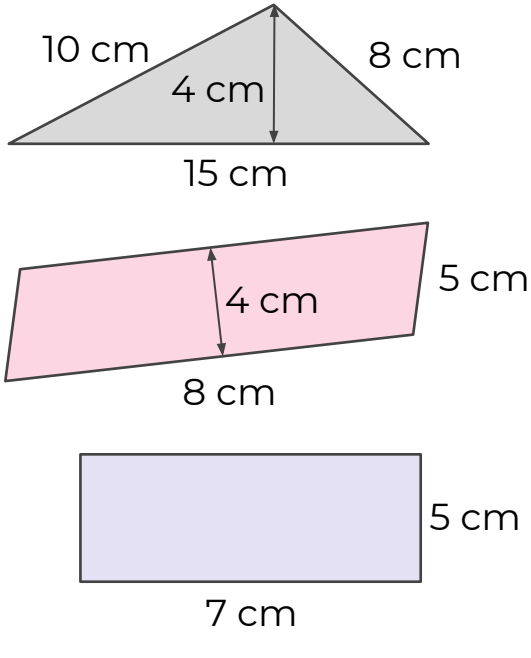


4. Circle the correct answer for the area of the triangle.



70 cm^2 31.5 cm^2 45 cm^2 35 cm^2

5. Which shape has the greatest area?

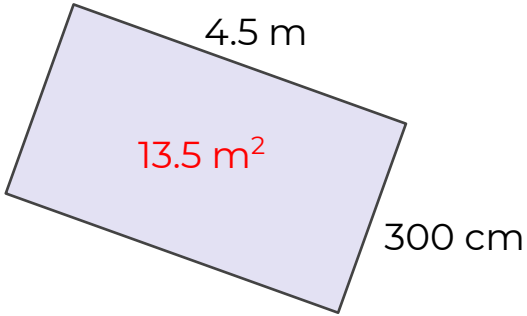


Answers

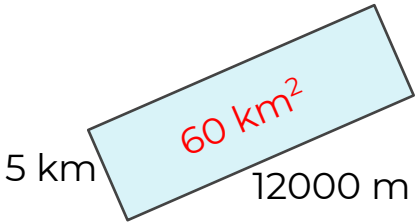
Area of rectangles, parallelograms and triangles

1. Calculate the area of rectangles.

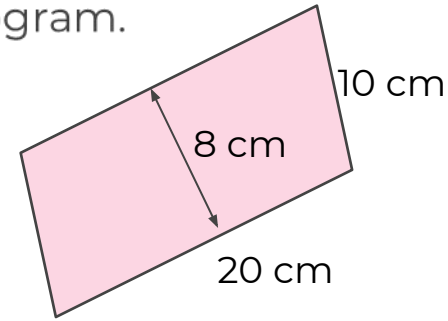
a)



b)



2. Eva is working out the area of the parallelogram.



Here is her working

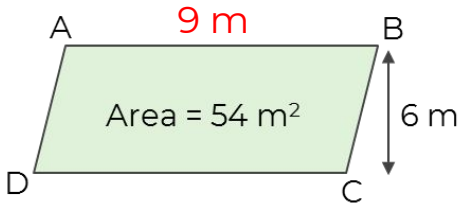
$$10 \times 20 = 200 \text{ cm}^2$$

What mistake has she made and what is the correct answer?

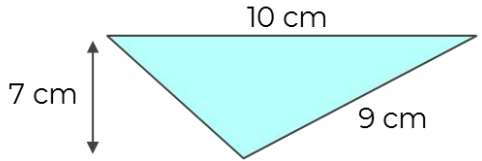
She has not multiplied by the perpendicular height (8cm) 160cm²

Area of rectangles, parallelograms and triangles

3. Find the length AB.



4. Circle the correct answer for the area of the triangle.



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5. Which shape has the greatest area?