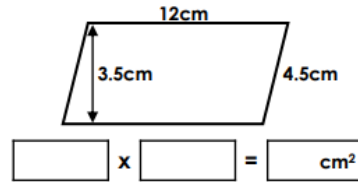
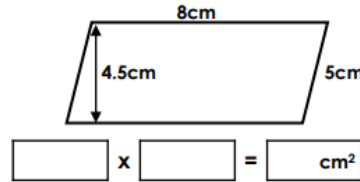


1

7a. Use the formula: base x perpendicular height to calculate the area of the shape.

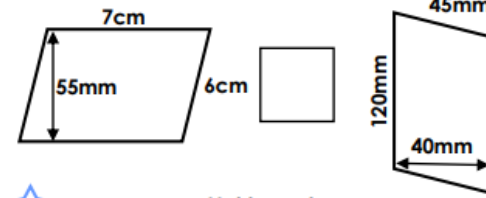


7b. Use the formula: base x perpendicular height to calculate the area of the shape.

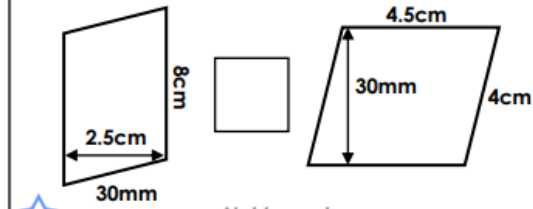


2

8a. Calculate the area of the shapes and complete the comparison statement.

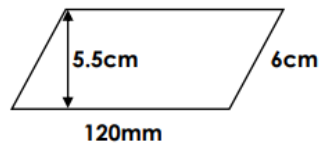


8b. Calculate the area of the shapes and complete the comparison statement.



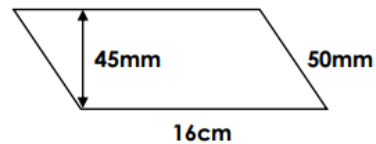
3

4a. Daniel says that half the area of the parallelogram below is 60cm^2 .



Use the formula base x perpendicular height to prove whether Daniel is correct.

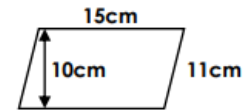
4b. Julia says that half the area of the parallelogram below is 36mm^2 .



Use the formula base x perpendicular height to prove whether Julia is correct.

4

5a. Clive is paving part of his garden. The paving stones are parallelograms.

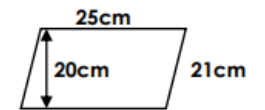


The area he wants to cover is $400\text{cm} \times 150\text{cm}$.

The area needs to be completely covered. How many paving stones will he need?

Show your working.

5b. Frazer is tiling part of a bathroom. The tiles are parallelograms.



The area he wants to cover is $500\text{cm} \times 250\text{cm}$.

The area needs to be completely covered. How many tiles will he need?

Show your working.