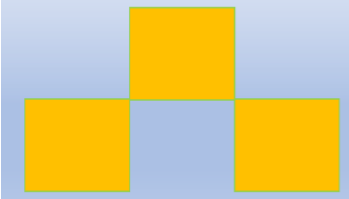
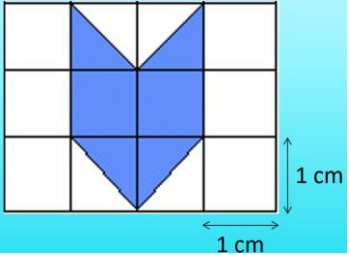
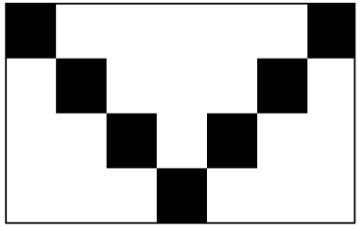
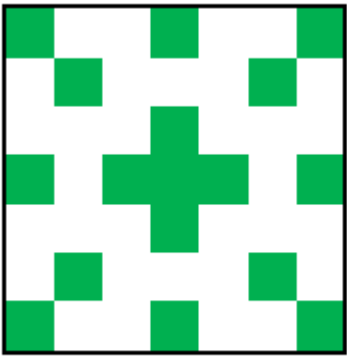

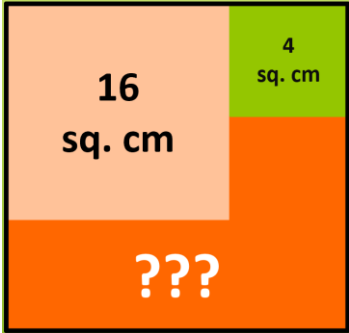
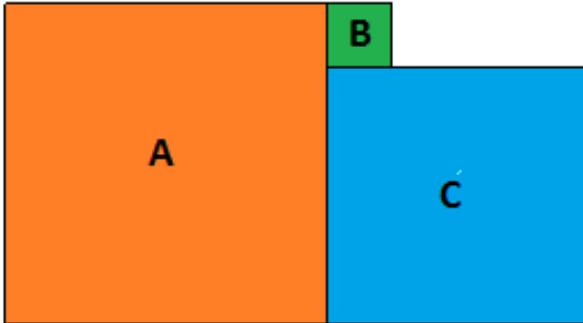


MENTAL MATHEMATICS

MEASUREMENT – AREA

	QUESTIONS	TIME Seconds
1.	<p>Three identical squares touch each other to form the shape shown. If the area of the shape is 300 cm^2, what is the length of a side of a square?</p> 	9
2.	<p>Calculate the area of the shaded figure.</p> 	8
3.	<p>How many of the tiles shown tiles will cover this rectangle?</p> 	10
4.	<p>Green squares of the same size are used to decorate a tablecloth. The side of each green square measures 2cm. Calculate the area of the tablecloth.</p> 	15

5.	<p>A square porch of area 64 square metres is covered with tiles as shown leaving two corners as rock gardens. What is the area of the tiled section of the porch?</p> 	15
6.	<p>The largest square contains three shapes. What is the area of the orange shape?</p> 	15
7.	<p>A, B and C are squares. The area of A is 100 square units and the area of B is 4 square units. Find the area of C.</p> 	15

8.	<p>Blocks are arranged to make the shapes below.</p> <div data-bbox="300 254 490 449"> <p>A</p> </div> <div data-bbox="514 254 698 449"> <p>B</p> </div> <div data-bbox="727 254 954 449"> <p>C</p> </div> <div data-bbox="969 254 1196 449"> <p>D</p> </div> <p>From which shape can the blocks be rearranged to form a square?</p>	12
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ANSWERS

1. 10 cm
2. 4 cm^2
3. 28 tiles
4. 196 cm^2
5. 48 m^2
6. 16 cm^2
7. 64 square units
8. B