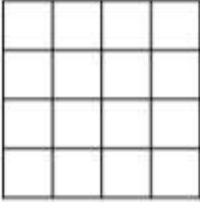
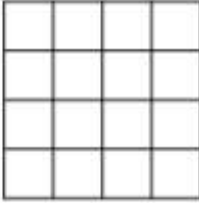
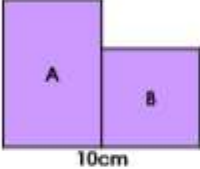
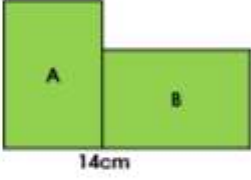
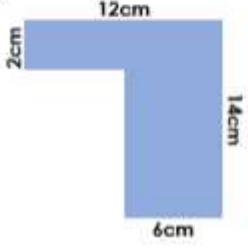
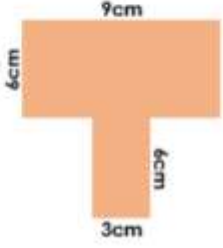


Reasoning and Problem Solving – Using our knowledge about areas of squares and rectangles.

Answer these questions in your books. You don't have to print this out but it would help if you had square paper.

<p>1a. Each square has an area of 4cm^2.</p>  <p>Show 3 different compound shapes that have an area of 16cm^2.</p> <p><i>Not to scale</i></p>	<p>1b. Each square has an area of 2cm^2.</p>  <p>Show 3 different compound shapes that have an area of 12cm^2.</p> <p><i>Not to scale</i></p>
<p>2a. Add the missing lengths to make the following statement correct.</p>  <p>A has an area of 45cm^2 and B has an area of 25cm^2.</p> <p><i>Not to scale</i></p>	<p>2b. Add the missing lengths to make the following statement correct.</p>  <p>A has an area of 48cm^2 and B has an area of 48cm^2.</p> <p><i>Not to scale</i></p>
<p>3a. Muna thinks the area of the shape is 108cm^2.</p>  <p>Is Muna correct? Convince me.</p> <p><i>Not to scale</i></p>	<p>3b. Ryan thinks the area of the shape is 24cm^2.</p>  <p>Is Ryan correct? Convince me.</p> <p><i>Not to scale</i></p>