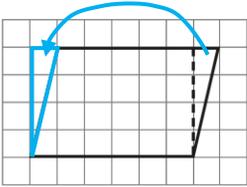
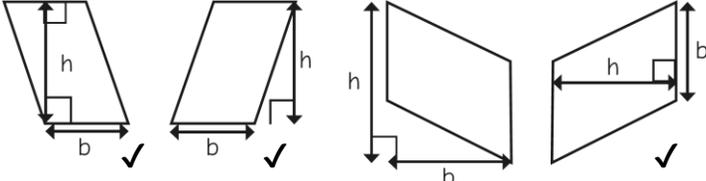


Y6 – Spring – Block 5 – Step 6 – Area of a parallelogram Answers

Question	Answer
1	<p>a) Move the triangle to create a rectangle:</p>  <p>b) The area of the rectangle is <b>24</b> squares. The area of the parallelogram is <b>24</b> squares.</p>
2	<p>a) <math>9 \text{ cm}^2</math> b) <math>8 \text{ cm}^2</math></p>
3	<p>a) He has used the sloping side of the parallelogram instead of the perpendicular height. b) <math>60 \text{ cm}^2</math></p>
4	 <p>The height has been labelled as the base, and the base should be only as long as the side of the parallelogram.</p>
5	<p>a) <math>20 \text{ cm}^2</math> b) <math>10 \text{ cm}^2</math> c) <math>90 \text{ mm}^2</math> d) <math>30 \text{ m}^2</math> e) <math>18 \text{ m}^2</math> f) <math>40 \text{ cm}^2</math></p>
6	<p>a) 3 cm b) 3 cm</p>
7	<p><math>24 \text{ cm}^2</math> The area of the rhombus is half the area of the rectangle.</p>