Area of Parallelograms **Answers**

Question	Answer
1.	40cm²
2.	135cm²
3.	240cm²
4.	96cm²
5.	52cm²
6.	126cm²
7.	540cm²
8.	325cm²
9.	Explain why the area of a parallelogram is the length of the base multiplied by the height. Draw a diagram to help your explanation.
	Explanation and drawings show an understanding that if you cut off a right-angled triangle from one side of the parallelogram and place it on the other side, you would have a rectangle and the area would be length × height.
10.	Lena and Trishna have each drawn a parallelogram. Lena's parallelogram has a base of 18cm and height 9cm. Trishna's parallelogram has a base of 12cm and height 11cm. Is Lena correct?
	Lena's parallelogram has an area of 162cm². Trishna's parallelogram has an area of 132cm². The difference between the areas of the two parallelograms is 30cm². This is greater than 25cm². Lena is correct.