

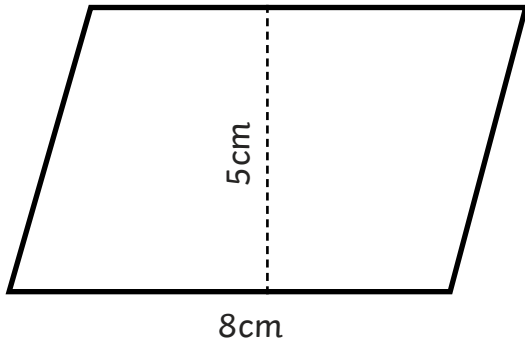
Area of Parallelograms

I can find the area of parallelograms.

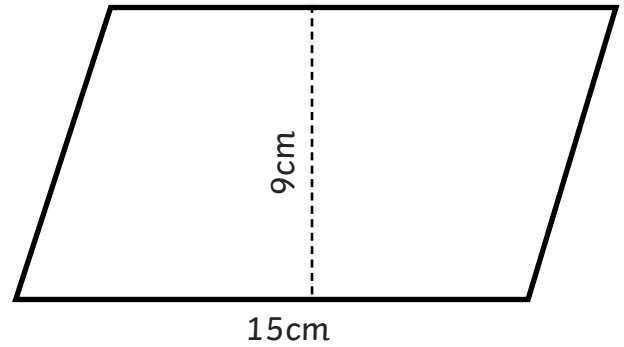


Find the area of these parallelograms:

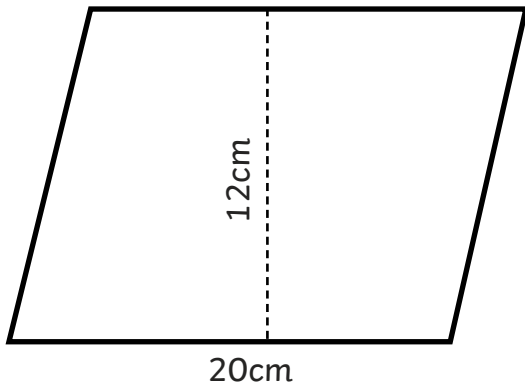
1.



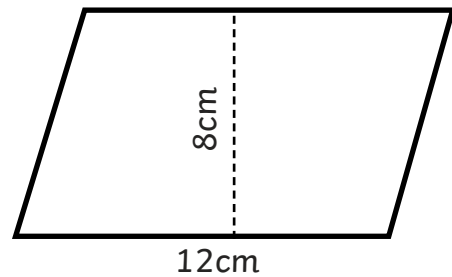
2.



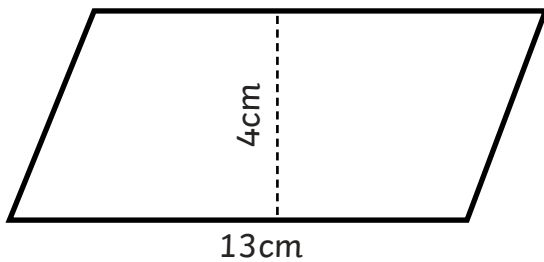
3.



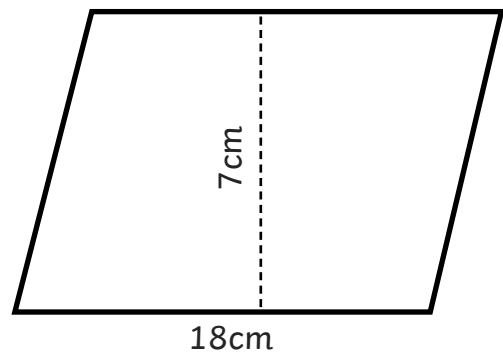
4.



5.



6.



A diagram of a parallelogram. The bottom horizontal side is labeled "30cm". A dashed vertical line segment inside the parallelogram, representing the height, is labeled "18cm".

A diagram of a parallelogram. A dashed vertical line from the top side to the bottom side represents the height, labeled '13cm'. The bottom side is labeled '25cm'.

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.

--

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.

My parallelogram has the greatest area. It is more than 25cm^2 bigger than Trishna's parallelogram.



Is Lena correct?