

Home Learning – Thursday 7th May

Reading CPG 10mins to do and 10 mins check!

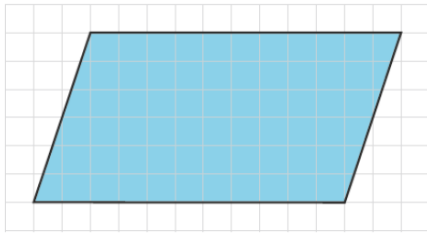
Maths - Maths No Prob' – Lesson 2 Finding the Area of Parallelograms. Workbook page 69 Again, hopefully straight forward for most of you today!

Finding the Area of Parallelograms

Lesson 2

In Focus

A quadrilateral in which each pair of opposite sides is parallel is called a parallelogram.

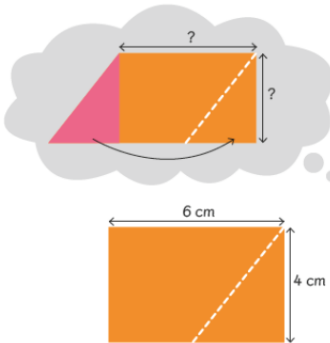
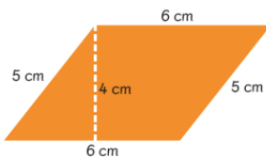


What measurements are needed to find the area of a parallelogram?

Is a rectangle a parallelogram?



2 Calculate the area of this parallelogram.

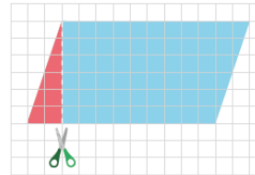


$$\begin{aligned} \text{Area of parallelogram} &= \text{area of rectangle} \\ &= (6 \times 4) \text{ cm}^2 \\ &= 24 \text{ cm}^2 \end{aligned}$$

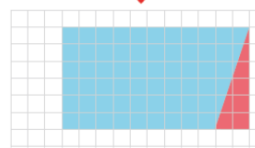
For rectangles, $A = l \times b$.

Let's Learn

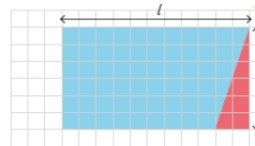
1 did this.



I am trying to get a rectangle.



I know how to find the area of this rectangle.



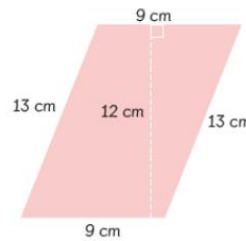
I need this length, l cm.

I also need this breadth, b cm.

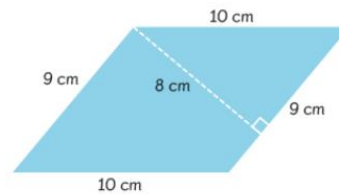
The area of the parallelogram is equal to the area of the rectangle.

Guided Practice

1 Find the area of this parallelogram.



2 Find the area of this parallelogram.



Is it possible to find the perimeter of each parallelogram?



English 1hr – Today is all about editing and improving your poem from yesterday. If you want to publish on Google Docs, please do. If you want to record it and attach to classroom great too, but don't worry if you don't have the Tec or knowhow! It should take you an hour but if not, you can always read!

Topic 30 Mins – OK today you will be measuring distances on a map, so to start off with find google maps and where you live. I like to use satellite view. You can see your house if you drag the little man to your street. You should be able to see a photo of it.

Anyway, what I would like you to do is work out distances from your house to school. You could then find out other distances that interest you too.

The instructions are below. You can make estimates first and see how close you are!

Measure distance between points

You can calculate the distance between two or more points on the map. For example, you can measure the mileage in a straight line between two cities.

[Computer](#) [Android](#) [iPhone & iPad](#)

1. On your computer, open [Google Maps](#) . If you're using Maps in [Lite mode](#), you'll see a lightning bolt at the bottom and you won't be able to measure the distance between points.
2. Right-click on your starting point.
3. Choose **Measure distance**.
4. Click anywhere on the map to create a path to measure. To add another point, click anywhere on the map.
5. Optional: Drag a point or path to move it, or click a point to remove it.
6. At the bottom, you'll see the total distance in miles (mi) and kilometers (km).
7. When done: On the card at the bottom, click Close **X** .

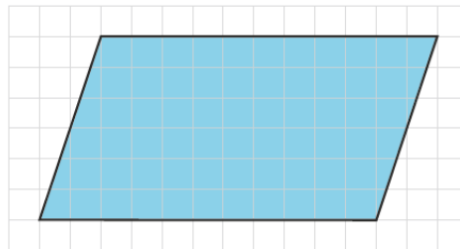
Maths Answers

Finding the Area of Parallelograms

Lesson
2

In Focus

A quadrilateral in which each pair of opposite sides is parallel is called a parallelogram.



What measurements are needed to find the area of a parallelogram?

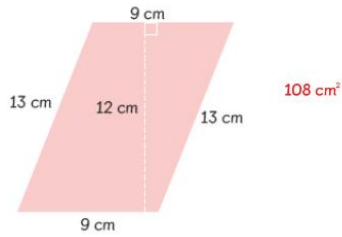
The height and the base

Is a rectangle a parallelogram?

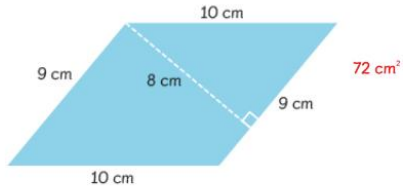


Guided Practice

- 1 Find the area of this parallelogram.



- 2 Find the area of this parallelogram.



Is it possible to find the perimeter of each parallelogram?

44 cm
38 cm

Worksheet 2

Finding the Area of Parallelograms

Find the area of each parallelogram.

