

Quadrilaterals

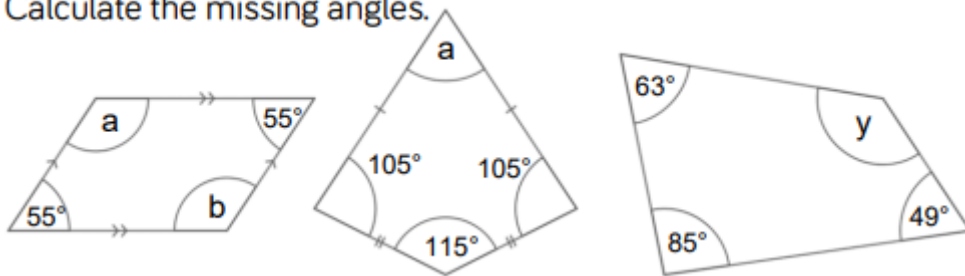
Go back to yesterday's video about quadrilaterals if you need to.

Here are two trapeziums. What's the same? What's different?

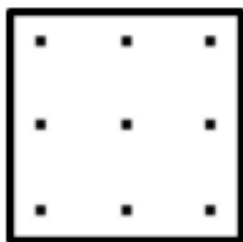


Draw your own trapezium. If you have a protractor at home you could measure the angles. Do they total 360 degrees?

Calculate the missing angles.



How many quadrilaterals can you make on the geoboard?



You could draw out your own 3x3 geoboards to draw different quadrilaterals.

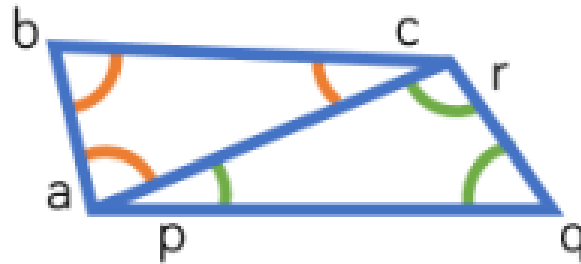
If you have a printer, you can print out the geoboards on the last page.

Identify the names of the different quadrilaterals.

What do you notice about the angles in certain quadrilaterals?

CHALLENGE

This quadrilateral is split into two triangles.



Use your knowledge of angles in a triangle to find the sum of angles in a quadrilateral.

Split other quadrilaterals into triangles too.
What do you notice?

