Answers

1) Name and identify the properties of these quadrilaterals:



- two pairs of equal length sides
- no right angles
- not a parallelogram

What could your quadrilateral be? *kite*

What quadrilaterals could you definitely not draw from this description? *square, rectangle, trapezium, parallelogram*



c) all sides of equal length. *Children may draw a square or a rhombus*.

1) Bridie says:

I can draw a quadrilateral with only two right angles and three sides of equal length. Find out if she is correct by drawing or making quadrilaterals to see if any fit her description. Is she correct? No Can you explain why? Accept answers which show that if a quadrilateral has only two right angles, it cannot have three sides of equal length.

1)	Name and identify the properties of these quadrilaterals:				
2)	Name:	Name: Pairs of equal Pairs of equal Pairs of Pairs of parallel sides: Pairs of right angles: Number of right angles: sides sides be?	_ _ _ _ Pairs of equal length sides: Pairs of parallel sides: Pairs of right angles: this description?		
1)	What do any of these shapes ho	ave in common?			
				1	

- 2) Use isometric (dotty) paper to investigate how many quadrilaterals you can draw which have:
 - a) only one set of parallel lines;

What is different about them?

- b) no right angles;
- c) all sides of equal length.

1)	Bridie	says
-		

I can draw a quadrilateral with only two right angles and three sides of equal length.

Find out if she is correct by drawing or making quadrilaterals to see if any fit her description.

Is she correct?____

Can you explain why?





Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:



These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

National Curriculum Objective

• Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.











Quadrilaterals

Dive in by completing your own activity!





