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Product Name :

Sorting Kit Quadrilateral

Product Code :

SLE/LP/17



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Description :

Sorting Kit Quadrilateral (Product Code: SLE/LP/17) is a set of different types of quadrilaterals in two colours, used to discover and classify the properties of four-sided shapes in school geometry lessons. It is intended for up to 4 children aged 8–14 years, who sort the pieces in several ways to work out how different quadrilaterals are related — for instance, why everysquare is also a rectangle. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India, alongside its other mathematics lab kits.

Key Details

Parameter	Detail
Contents	A set of different types of quadrilaterals
Colours	Two colours
Group size and age	Up to 4 children, 8–14 years
Concepts	Properties and classification of quadrilaterals; angle sum property; congruence and similarity; relationships between different shapes
Approach	Sorting in different ways and exploring the geometric basis for sorting; from visual to analytical understanding
Product code	SLE/LP/17
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Quadrilateral Sorting Kit Used For?

Quadrilaterals are where classification gets interesting, because the categories overlap: a square is also a rectangle and a rhombus, and all three are parallelograms. Sorting the pieces by parallel sides, equal sides and right angles lets children build these family relationships themselves instead of memorising a chart, and a Venn-style sort shows clearly which shapes belong to more than one group.

The kit also supports reasoning about angles. Drawing one diagonal splits any quadrilateral into two triangles, which explains why its four angles always make the same total. Overlaying pieces tests congruence, and comparing shapes that match in form but not in size opens a discussion of similarity. In a geometry corner of a school lab setup, this kit sits naturally after work on triangles.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies the Sorting Kit Quadrilateral from Ambala, Haryana, to schools, teacher-training institutes, maths labs and dealers in India and international markets. It can be quoted together with the triangle sorting kit for a complete polygon unit. Company information is available on the ScienceLab profile.

Related Primary Maths Kits

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