

Small Card Set: Describing quadrilaterals

A1 The diagonals of the shape are equal	A2 The shape has at least one side that is 5cm long	A3 The diagonals of the shape bisect each other at right angles	A4 The shape has 4 equal angles	A5 The shape has two pairs of parallel sides
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B1 The shape has at least one side that is 4cm long	B2 The diagonals of the shape bisect each other	B3 The shape has 4 equal angles	B4 Opposite sides of the shape are equal	B5 The shape has at least one side that is 6cm long
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C1 The diagonals of the shape are not equal	C2 The shape has at least one side that is 12cm long	C3 The shape has at least one side that is 7cm long	C4 The shape contains at least one 55° angle	C5 Opposite sides of the shape are parallel
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D1 The diagonals of the shape bisect each other at right angles	D2 All four sides are equal	D3 The shape contains at least one 70° angle	D4 Opposite sides of the shape are parallel	D5 The shape has at least one side that is 7cm long
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E1 The shape has at least one side that is 5cm long	E2 One diagonal bisects the other diagonal into two 2cm segments	E3 The shape has two pairs of equal sides	E4 The diagonals of the shape intersect each other at right angles	E5 The shape has at least one side that is 4cm long
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F1 The shape contains exactly one pair of parallel sides	F2 The shape has more than one side that is 10cm long	F3 The shape contains at least one 60° angle	F4 The shape has a side that is 6cm long	F5 The shape contains a pair of opposite sides that are equal
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Describing quadrilaterals: Instructions for learners

Part 1

Work in pairs.

Divide your poster into six big rectangular areas by folding.

Choose one strip of cards

- Work out what quadrilateral it describes
- Sketch the quadrilateral in one of the rectangular areas on your poster (leave enough space around it)
- Name it.

Do this for all the strips.

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Part 2

Choose one strip of cards

- Cut the little cards out
- Choose the smallest number of cards needed to define it
- Stick the cards you chose under the sketch.

Do this for all the strips.

A1

The diagonals
of the shape
are equal

A2

The shape has at
least one side
that is 5cm long

A3

The diagonals of
the shape bisect
each other
at right angles

A4

The shape has
4 equal angles

A5

The shape has
two pairs of
parallel sides

B1

The shape has at
least one side that
is 4cm long

B2

The diagonals of
the shape
bisect each other

B3

The shape has
4 equal angles

B4

Opposite sides
of the shape
are equal

B5

The shape has at
least one side
that is 6cm long

C1

The diagonals
of the shape
are not equal

C2

The shape has at
least one side
that is 12cm long

C3

The shape has at
least one side
that is 7cm long

C4

The shape has
at least
one 55° angle

C5

Opposite sides of
the shape
are parallel

D1

The diagonals of the shape bisect each other at right angles

D2

All four sides
are equal

D3

The shape has
at least
one 70° angle

D4

Opposite sides
of the shape
are parallel

D5

The shape has
at least one side
that is 7cm long

E1

The shape has
at least one side
that is 5cm long

E2

One diagonal
bisects the other
diagonal into two
2cm segments

E3

The shape has
two pairs of
equal sides

E4

The diagonals
of the shape
intersect at
right angles

E5

The shape has at
least one side
that is 4cm long

F1

The shape has
exactly one pair
of parallel sides

F2

The shape has
more than one side
that is 10cm long

F3

The shape has
at least one
60° angle

F4

The shape
has a side
that is 6cm long

F5

The shape has
a pair of
opposite sides
that are equal