



5.1 – Introduction to geometry

Student name: _____ Score: _____

1. A quadrilateral has

- two pairs of parallel sides
- all sides the same length
- no right angles.

Write down the mathematical name of this quadrilateral.

..... [1]

2. (a) Write down the mathematical name of the quadrilateral that has rotational symmetry of order 2 but no lines of symmetry.

..... [1]

(b) Write down the mathematical name of the quadrilateral that has exactly one line of symmetry.

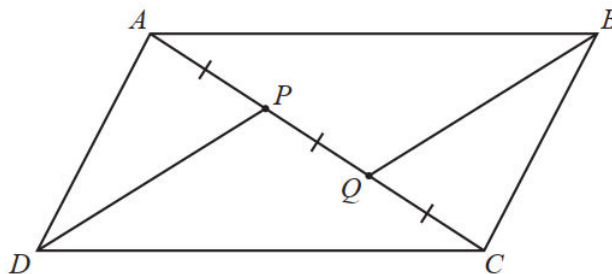
..... [1]

3. A quadrilateral has all sides equal and exactly two lines of symmetry.

Write down the mathematical name of this quadrilateral.

..... [1]

4.



NOT TO SCALE

$ABCD$ is a parallelogram.

$AP = PQ = QC$.

Show that triangles BQC and DPA are congruent.

Statement

Reason

.....
.....
.....
.....

[3]

