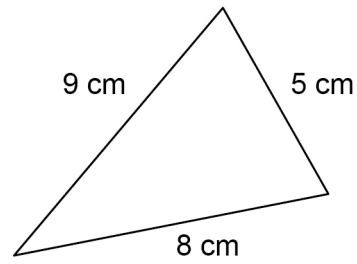
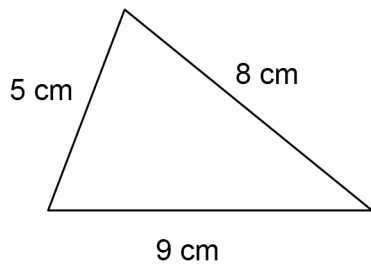


1



Not drawn
accurately

Circle the reason why these triangles are congruent.

[1 mark]

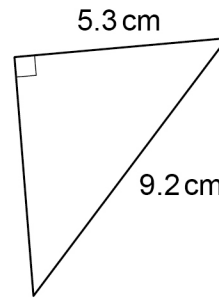
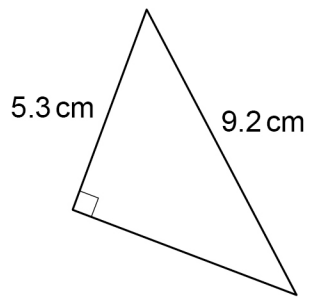
ASA

RHS

SAS

SSS

2



Not drawn
accurately

Circle the reason why the triangles are congruent.

[1 mark]

ASA

RHS

SAS

SSS

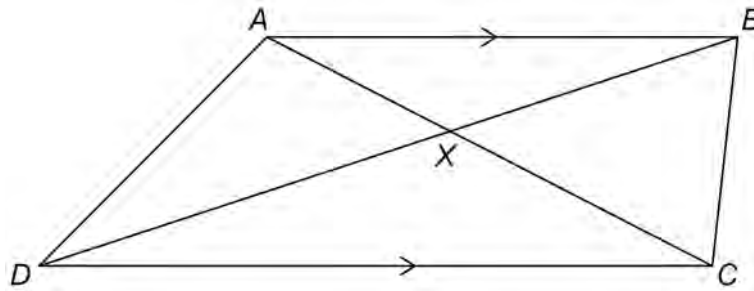
3

$ABCD$ is a trapezium.

All four sides are different lengths.

AB is parallel to CD .

The diagonals intersect at X .



Not drawn
accurately

For each statement, tick the correct box.

[4 marks]

	True	May be true	Not true
Triangles AXB and CXD are similar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Triangles AXD and BXC are congruent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Angle ADB = angle BDC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Area of triangle ABC = area of triangle ABD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

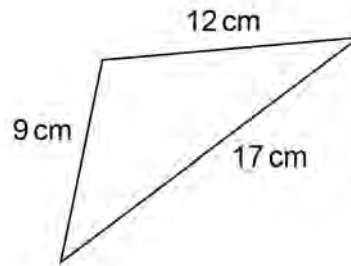
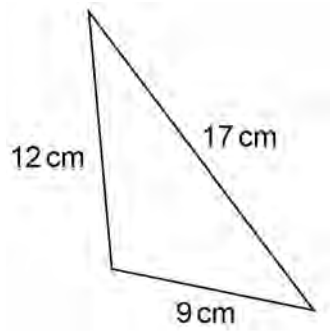
Two congruent parallelograms, $PQRV$ and $VRST$, are joined.

Prove that Q , W and X lie on a straight line.

[3 marks]

[illegible]

5



Not drawn
accurately

Circle the reason why these triangles are congruent.

[1 mark]

ASA

RHS

SAS

SSS