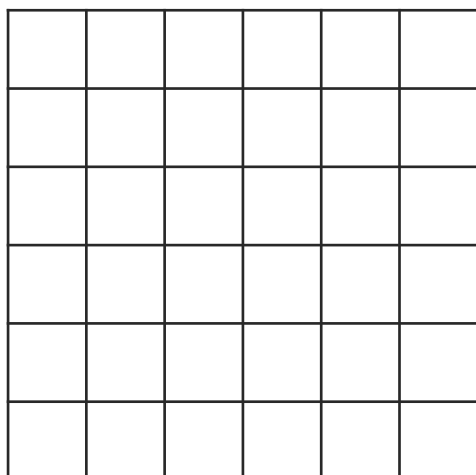


Year 6

Geometry Test 3(ET)

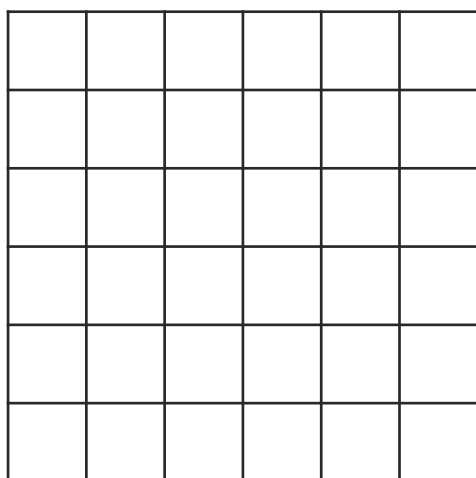
Name: _____ Class: _____ Date: _____

1. a) On the grid below, draw a quadrilateral with only **one pair** of parallel sides.



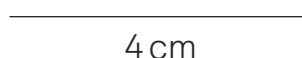
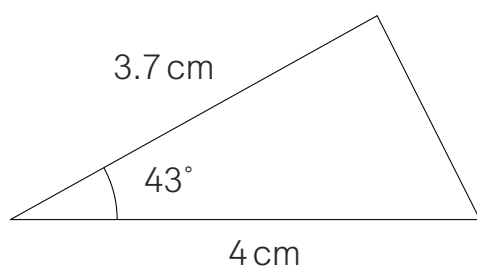
1 mark

- b) On the grid below, draw a pentagon with **two pairs** of parallel sides.



1 mark

2. Use a protractor and ruler to construct accurately the triangle.
One side of the triangle is drawn for you.

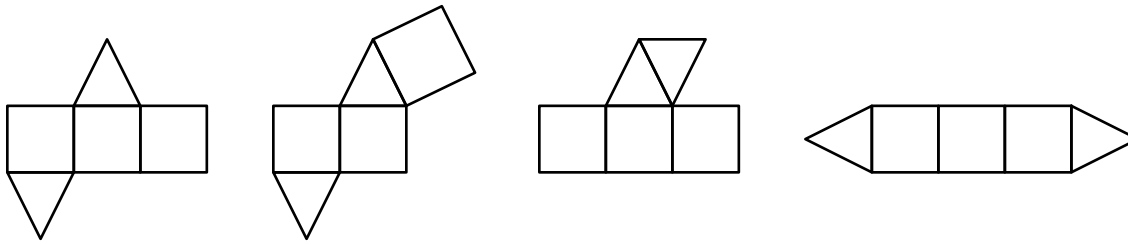


2 marks



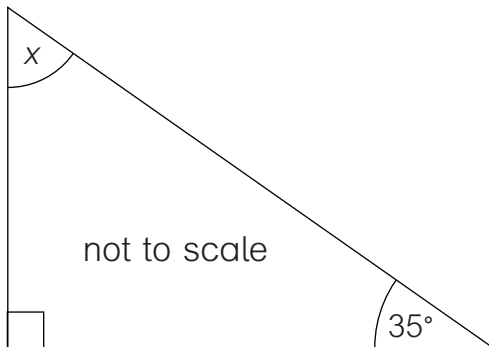
Total for this page

3. ✓ all the nets that fold to make a triangular prism.



1 mark

4. Here is a right-angled triangle.
Calculate the size of angle x .





1 mark

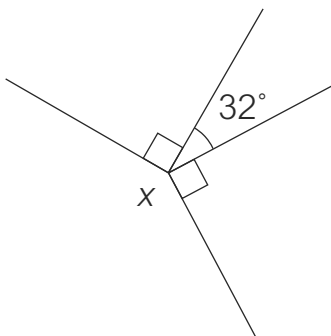
5. This table shows the radiuses and diameters of some circles.
Complete the table.

Radius (in cm)	Diameter (in cm)
6	
	27
15.25	
	21.6



2 marks

6. Calculate the missing angle x .

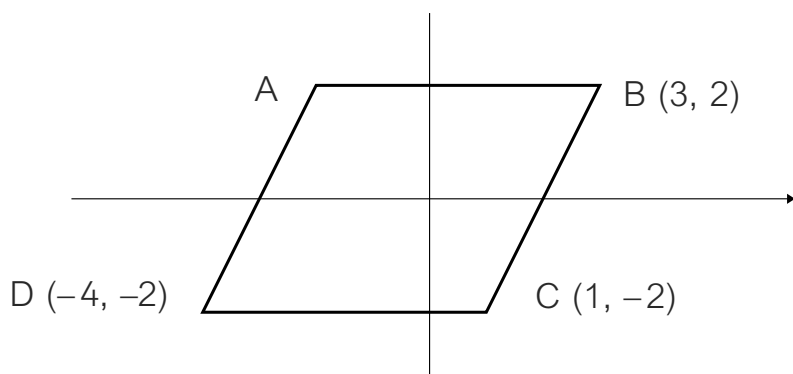

 $x =$



1 mark


Total for
this page

7. ABCD is a parallelogram.
What are the coordinates of A?

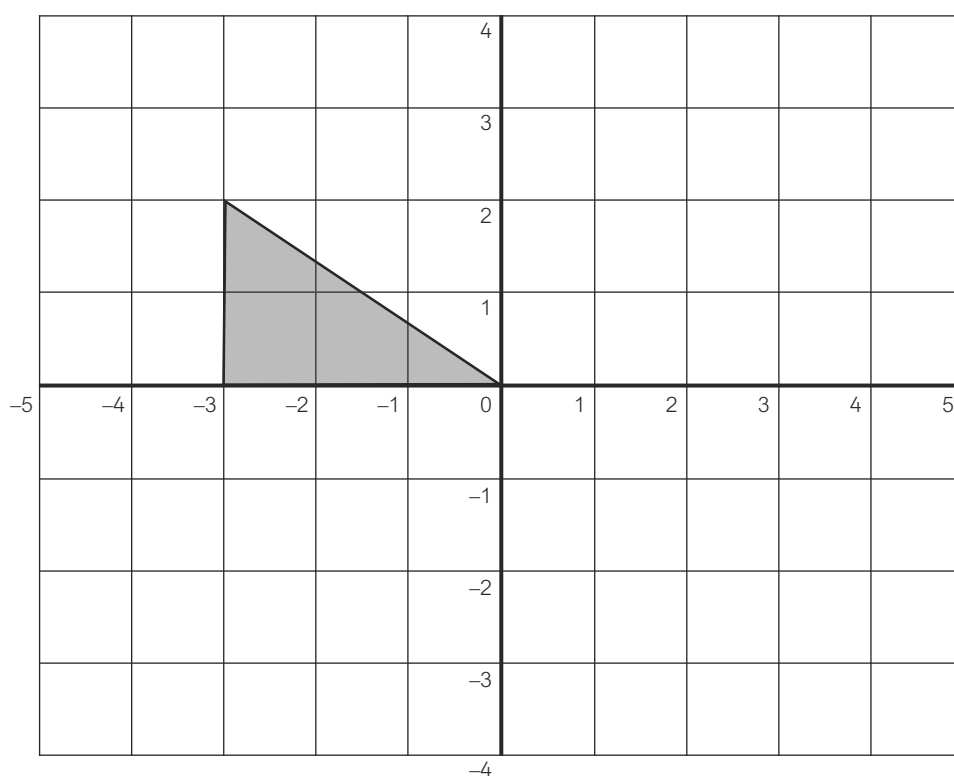


(,)



1 mark

8. A triangle is drawn on the grid.



- a) Move the triangle 2 right and 3 down.



1 mark

- b) What are the coordinates for the new position of the triangle?

(,)

(,)

(,)

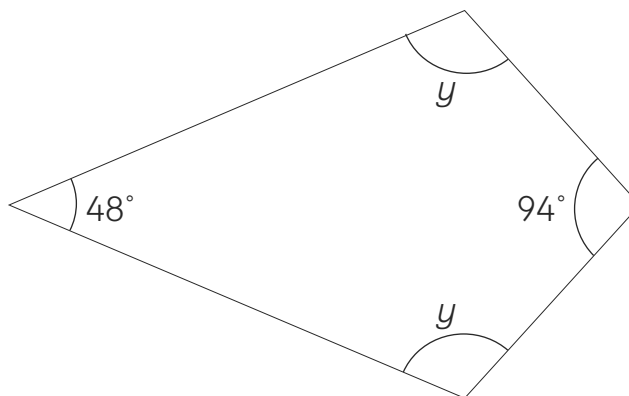


2 marks



Total for
this page

9. This shape is a kite.
Calculate the size of angle y .

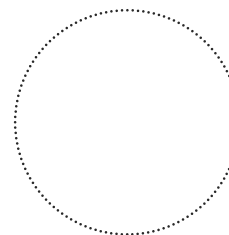
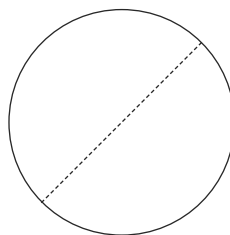
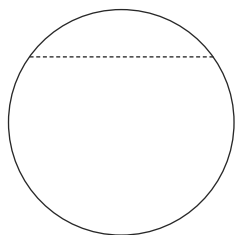
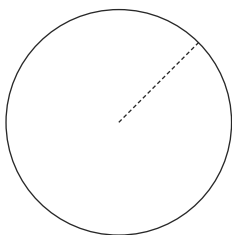


°



1 mark

10. ✓ the circle where the dotted line is the diameter.



1 mark

/15

**Total for
this test**