Grade 4 geometry test

NAME	DATE	SCORE / 6

Answer each question. Show your work.

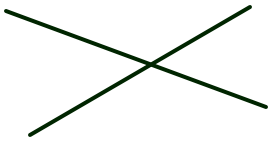
1 A triangle has angles of 54°, 63° and 63°. Is the triangle acute, right or obtuse?

◯ Acute ◯ Right ◯ Obtuse

2 A triangle has sides of 7 centimetres, 4 centimetres and 4 centimetres. What is the best name for the triangle?

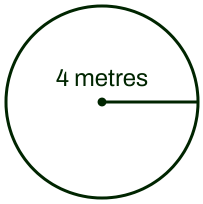
◯ Equilateral ◯ Isosceles ◯ Scalene

3 Two lines are shown below. Are the lines parallel, perpendicular, or neither?

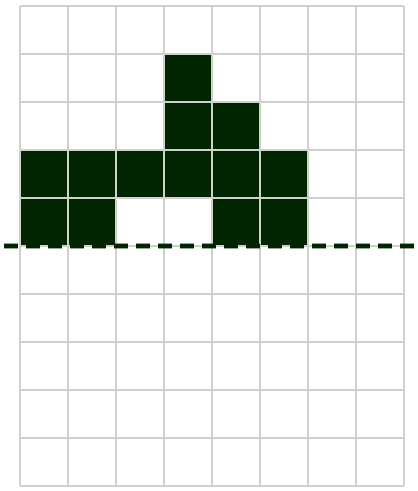


◯ Parallel ◯ Perpendicular ◯ Neither

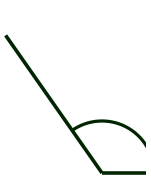
4 The line segment drawn in the circle below is 4 metres long. What is the length, in metres, of the circle's diameter?



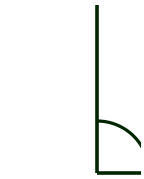
5 Half of a figure is shaded on the grid below. The dashed line is a line of symmetry. Shade the squares that complete the figure.



6 Which angle below is an obtuse angle?



1



2

3

◯ 1 ◯ 2 ◯ 3

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Answer each question. Show your work.

7 What is the name of the figure below?

◯ Ray AB ◯ Line AB ◯ Ray BA
◯ Line segment AB

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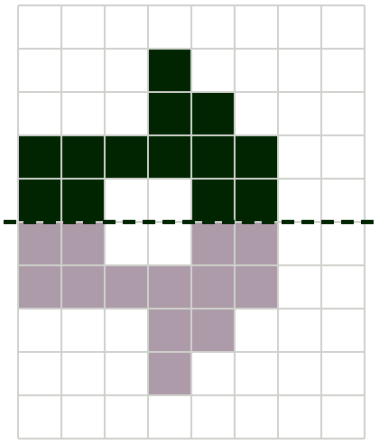
1 Acute

2 Isosceles

3 Neither

4 8

5



Exactly 13 new squares below the dashed line, each the same distance from the line as the square it matches. Column by column from the left, the new half has 2, 2, 1, 3, 3 and 2 squares, with a one-square gap at the line where the shaded half has one.

6 1

7 Line AB