Grade 6 geometry test

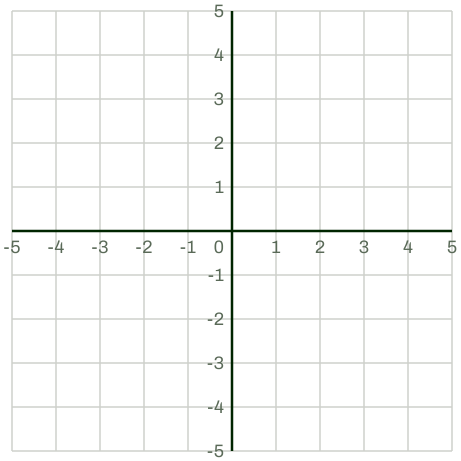
NAME	DATE	SCORE / 4

Answer each question. Show your work.

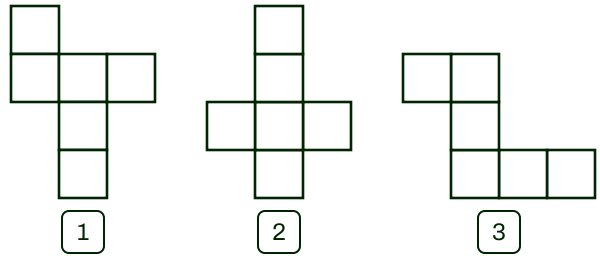
1 What is the distance, in units, between the points (−6, 5) and (−6, −3) on a coordinate plane?

2 The point (6, −3) is reflected across the y-axis. What are the coordinates of the image of the point?

3 Plot the point (−5, 4) on the coordinate plane shown below.



4 Each of the shapes below is made of six squares. Which shape will not fold into a cube?



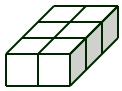
○ 1 ○ 2 ○ 3

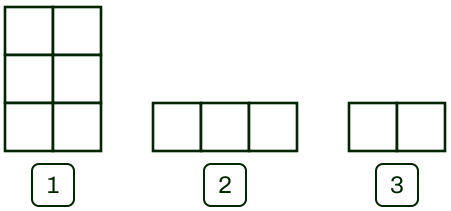
Grade 6 geometry test

NAME	DATE	SCORE / 2

Answer each question. Show your work.

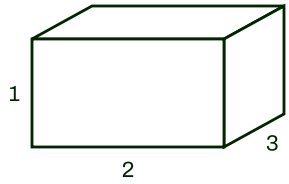
5 The solid above the numbered drawings is made of unit cubes. Which numbered drawing shows the side view of the solid?





○ 1 ○ 2 ○ 3

6 The box below is 2 units long, 3 units wide and 1 unit tall. Each square on the grid is 1 unit long. Draw a net for the box on the grid.



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1 8

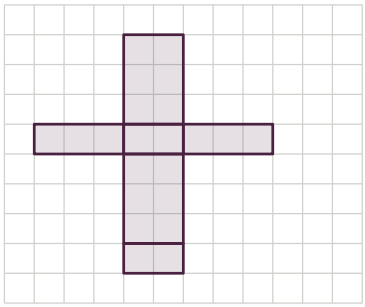
2 (−6, −3)

3 -5,4

4 3

5 2

6



Six rectangles joined edge to edge: two 2 by 3, two 2 by 1 and two 3 by 1, arranged so they fold into the box. Any layout that folds closed with no gaps or overlaps counts; matching edges must be the same length.