

Grade 6 geometry test

NAME	DATE	SCORE / 4
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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

☐ 1 ☐ 2 ☐ 3

-



- 6



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1 8

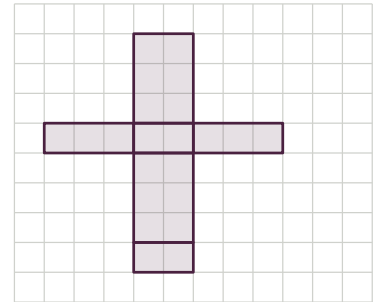
4 3

2 (-6, -3)

5 2

3 -5,4

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.