ZiloAcademy

✨ Grade 5 Maths — Geometry ✨

Name: Demo Grade 5 **Date:** 26/11/2026

1



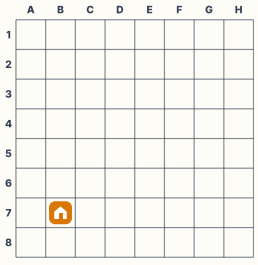
How many lines of symmetry does a square have?

2



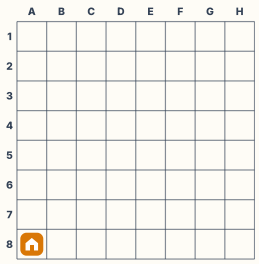
Look at the angle marked between the two lines. Is it acute, right, or obtuse?

3



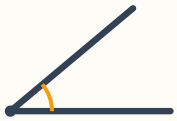
🏠 marks home on the grid. Each square is 1 km. If you travel 4 km east and 4 km north from home, what grid reference do you land on (e.g. "C4")?

4



🏠 marks home on the grid. Each square is 1 km. If you travel 5 km east and 1 km north from home, what grid reference do you land on (e.g. "C4")?

5



Look at the angle marked between the two lines. Is it acute, right, or obtuse?

6



A rectangle 15 cm by 15 cm has a smaller 10 cm by 8 cm rectangle cut from one corner. What area is left, in cm^2?

7



🏠 marks home on the grid. Each square is 1 km. If you travel 1 km east and 3 km north from home, what grid reference do you land on (e.g. "C4")?

8



The marker above starts at a rotation of 30°. First it is reflected across a horizontal line. Then it is rotated 180° clockwise. What is its final rotation, in degrees?

9



Look at the angle marked between the two lines. Is it acute, right, or obtuse?

10

A symmetrical star shape is folded exactly along its line of symmetry. 2 points are visible on the folded half (no point sits exactly on the fold line). How many points does the whole star have?