

Year 6 Homework Answers

Module 8: Cartesian planes and quadrants

1.

A (1, -3); B(4, 4); C(-3, 1); D(-4, -2)

2.

A (1, 1); B(4, -2); C(-4, 1); D(-2, 3); E (-3, -2); F(3, 4); G(2, -4); H(-4, -4)

3.

N/A

4.

a) A(2, 1)

b) 3 units; left

c) 2 units; down

d) Quadrant 4; A'(-2, -2)

5.

x	-3	-2	-1	0	1	2	3
y	3	2	1	0	-1	-2	-3

a) N/A

b) it will form a straight line after connecting them

6.

Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4
(positive, positive)	(negative, positive)	(negative, negative)	(positive, negative)

7.

- a) Point A: Quadrant 1 Point B: Quadrant 2
 Point C: Quadrant 3 Point D: Quadrant 4

8.

a)

x	-3	-2	-1	0	1	2	3
y	-5	-4	-3	-2	-1	0	1

b) N/A

c) they will form a straight line after connecting

9.

- a) 24 square units b) 24 square units

10.

- a) square
b) rectangle
c) trapezium
d) parallelogram

11.

- a) 72 square units
b) 80 square units
c) 45 square units
d) 45 square units