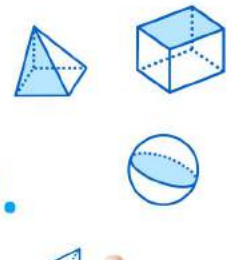
cuemath
THE MATH EXPERT

Get better at Math. Get better at everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.

Adaptive Platform | **Interactive Visual Simulations** | **Personalized Attention**

For Grades 1 - 10

LIVE online classes by trained and certified experts.

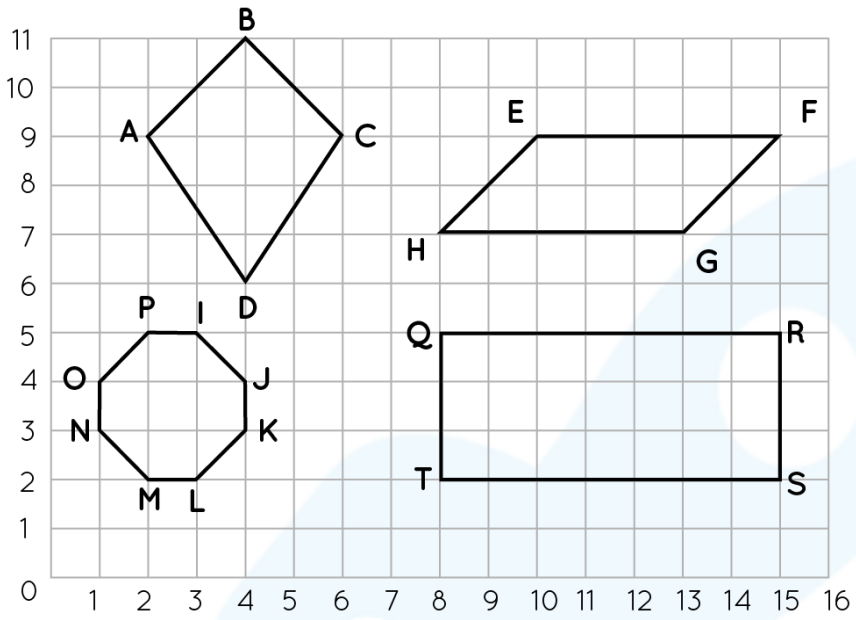
Get the Cuemath advantage

Book a FREE trial class

cuemath
THE MATH EXPERT

5th Grade Graphing Worksheets

Answer the following questions (1-6) based on the information shown in the image given below:



1) Write the coordinates of the points A, B, C, and D.

2) Match the following coordinate with the vertex of the shape it belongs to:

	Vertex	Shape
i.	(4, 11)	a) Octagon (IJKLMNOP)
ii.	(8, 7)	b) Kite (ABCD)
iii.	(8, 2)	c) Rectangle (QRST)
iv.	(3, 2)	d) Parallelogram (EFGH)

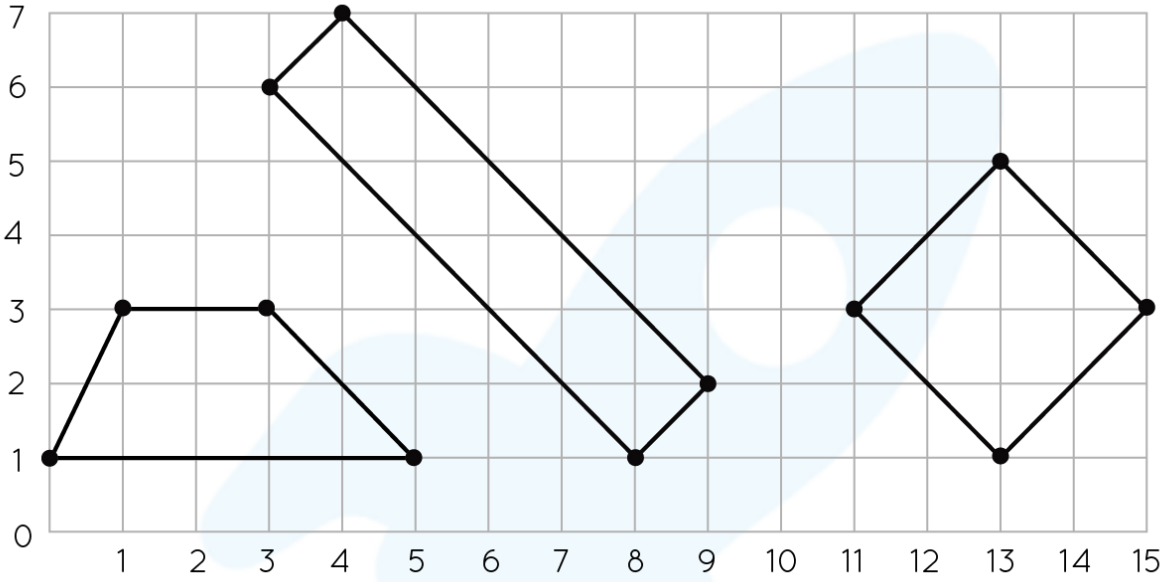
3) Write the coordinate of the ends of line QT.

4) What are the coordinates of the vertices of parallelogram QRST?

5) Which of the shape has the maximum area?

6) What are the coordinates of the point D?

Answer the following questions (7-10) based on the information shown in the image given below.



7) Write the coordinates of the vertices of the square.

8) Write the coordinates of the vertices of the rectangle.

9) Which of the following is not a coordinate of the vertices of the trapezium?
   a) (0, 1)
   b) (3, 3)
   c) (1, 3)
   d) (1, 5)

10) Which of the following figure has the least area?

cuemath
THE MATH EXPERT

When you learn math in an interesting way, you never forget.

25 Million
Math classes & counting

100K+
Students learning Math the right way

20+ Countries
Present across USA, UK, Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class

ANSWERS

1)	A- (2, 9) B-(4, 11) C-(6, 9) D-(4, 6)
2)	i-b ii-d iii-c iv-a
3)	Q (8, 5), and T (8, 2)
4)	Q (8, 5), R (15, 5), S (15, 2), and T (8, 2)
5)	Rectangle QRST
6)	(4, 6)
7)	(13, 1), (15, 3), (13, 5), and (11, 3)
8)	(8, 1), (9, 2), (4, 7), and (3, 6)
9)	d
10)	Trapezium

FUN FACT

1. The name **Cartesian** comes from the French mathematician and philosopher René Descartes , who worked to merge algebra and Euclidean geometry.

2. **Cartesian coordinate system** is a coordinate system used to place points on a cartesian plane using two numbers, usually called the *x-coordinate* and the *y-coordinate*.

3. The idea of this system was developed in 1637 in two works by Descartes.