

Co-ordinate Geometry Part I Quiz Solution

1. B= (-2,4) C= (4,6) D= (2,3) E= (3,2) G= (-3,-3) I= (-2,-5) K= (6,-1) M= (5,-4)
2. A(-6,3) B = (2,3)
3. A(1, 10) B (1,2)
4. B($4\sqrt{2}$, $4\sqrt{2}$)
5. A (-8,0) B (0,-8) C (-8, -16) D (-16,-8) E (-8,-8)

Co-ordinate Geometry Part II Quiz Solution

Guess :

- 1) 0
- 2) Is equal to x
- 3) $\sqrt{(x-0)^2 + (0-y)^2} = \sqrt{(x)^2 + (-y)^2}$
- 4) A circle with radius d
 - 1)
 - a) 2
 - b) 10
 - c) 0
 - d) 5
 - e) 8
- 2) a) 3
 - b) 8
 - c) 7
 - d) 0
 - e) 0
- 3) Col A and Col B have points on the same line
- 4)
 - a) 9
 - b) $\sqrt{85}$
 - c) $5\sqrt{5}$
 - d) $5\sqrt{2}$

5) Both col A and Col B are at a same distance

6) a) $\sqrt{29}$

b) 5

c) 0.5

d) $\sqrt{25.25}$

7) $\sqrt{10} + \sqrt{20} + \sqrt{58}$

8) The possible co-ordinates in the first quadrant is either (1,5) or (4,5)

9) If (1,1) , (1,4) and (1,-1) are the vertices's of the rectangle
then find the following:

Data incorrect all the three vertices's have same x coordinates hence they form just
points in a line and not vertices's of rectangle

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