



Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. In the point (10, 9), what is the x-coordinate?

\_\_\_\_\_

2. In the point (8, 12), what is the y-coordinate?

\_\_\_\_\_

3. On which axis does the point (0, 4) lie?

the x-axis

both axes

neither axis

the y-axis

\_\_\_\_\_

4. Points (6, 6) and (10, 6) lie on the same horizontal line. How far apart are they? \_\_\_\_

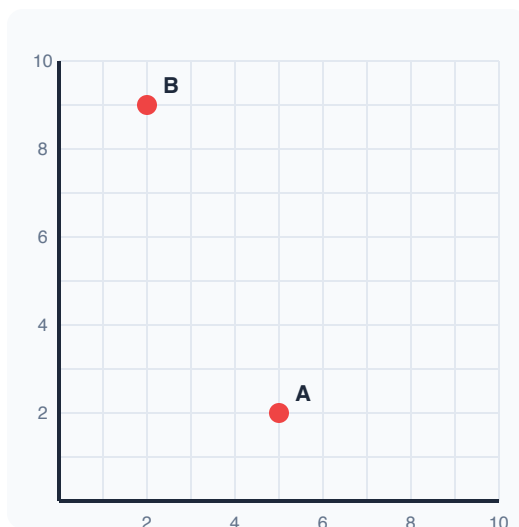
\_\_\_\_\_

5. Points (3, 3) and (3, 6) lie on the same vertical line. How far apart are they? \_\_\_\_

\_\_\_\_\_



6. Which point is at  $(5, 2)$ ?



Point A

Point B

7. In the point  $(7, 9)$ , what is the x-coordinate?

8. In the point  $(0, 8)$ , what is the y-coordinate?

9. On which axis does the point  $(0, 1)$  lie?

neither axis

the x-axis

both axes

the y-axis



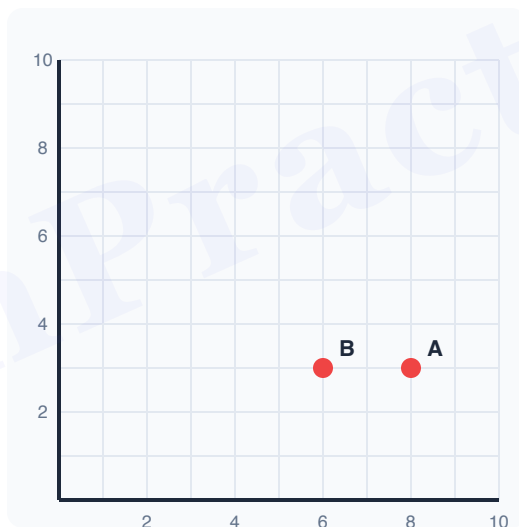
10. Points  $(10, 5)$  and  $(0, 5)$  lie on the same horizontal line. How far apart are they? \_\_\_\_

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11. Points  $(8, 3)$  and  $(8, 0)$  lie on the same vertical line. How far apart are they? \_\_\_\_

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12. Which point is at  $(8, 3)$ ?



Point A

Point B

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13. In the point  $(5, 5)$ , what is the x-coordinate?

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14. In the point  $(9, 8)$ , what is the y-coordinate?

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15. On which axis does the point  $(0, 11)$  lie?

both axes

the y-axis

neither axis

the x-axis

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16. Points  $(9, 0)$  and  $(2, 0)$  lie on the same horizontal line. How far apart are they? \_\_\_\_

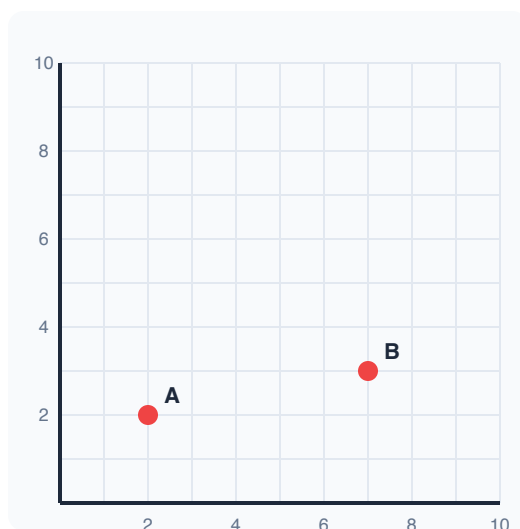
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17. Points  $(2, 9)$  and  $(2, 6)$  lie on the same vertical line. How far apart are they? \_\_\_\_

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18. Which point is at  $(2, 2)$ ?



Point A

Point B



## Answer Key

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1. **10** The x-coordinate is the first number: 10.
2. **12** The y-coordinate is the second number: 12.
3. **the y-axis** A point with  $x = 0$  lies on the y-axis.
4. **4** Same y, so distance =  $|10 - 6| = 4$ .
5. **3** Same x, so distance =  $|6 - 3| = 3$ .
6. **Point A** Point A is at (5, 2); Point B is at (2, 9).
7. **7** The x-coordinate is the first number: 7.
8. **8** The y-coordinate is the second number: 8.
9. **the y-axis** A point with  $x = 0$  lies on the y-axis.
10. **10** Same y, so distance =  $|0 - 10| = 10$ .
11. **3** Same x, so distance =  $|0 - 3| = 3$ .
12. **Point A** Point A is at (8, 3); Point B is at (6, 3).
13. **5** The x-coordinate is the first number: 5.
14. **8** The y-coordinate is the second number: 8.
15. **the y-axis** A point with  $x = 0$  lies on the y-axis.
16. **7** Same y, so distance =  $|2 - 9| = 7$ .
17. **3** Same x, so distance =  $|6 - 9| = 3$ .
18. **Point A** Point A is at (2, 2); Point B is at (7, 3).