



Name: _____

Date: _____

1. In the point $(11, 5)$, what is the x-coordinate?

2. In the point $(11, 3)$, what is the y-coordinate?

3. On which axis does the point $(8, 0)$ lie?

the x-axis

the y-axis

both axes

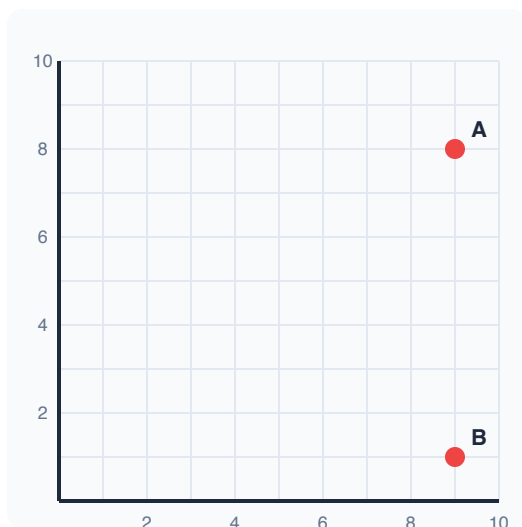
neither axis

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

5. Points $(4, 3)$ and $(4, 1)$ lie on the same vertical line. How far apart are they? ____



6. Which point is at $(9, 8)$?



Point A

Point B

7. In the point $(0, 6)$, what is the x-coordinate?

8. In the point $(10, 0)$, what is the y-coordinate?

9. On which axis does the point $(0, 6)$ lie?

both axes

neither axis

the y-axis

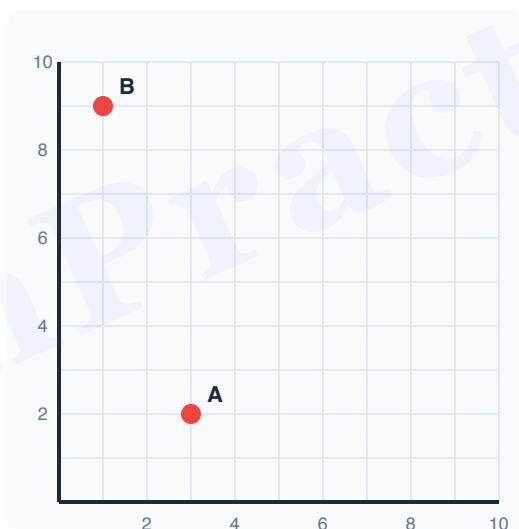
the x-axis



10. Points $(10, 8)$ and $(3, 8)$ lie on the same horizontal line. How far apart are they? ____

11. Points $(5, 9)$ and $(5, 5)$ lie on the same vertical line. How far apart are they? ____

12. Which point is at $(3, 2)$?



Point B

Point A

13. In the point $(10, 3)$, what is the x-coordinate?



14. In the point $(12, 7)$, what is the y-coordinate?

15. On which axis does the point $(0, 10)$ lie?

neither axis

the y-axis

the x-axis

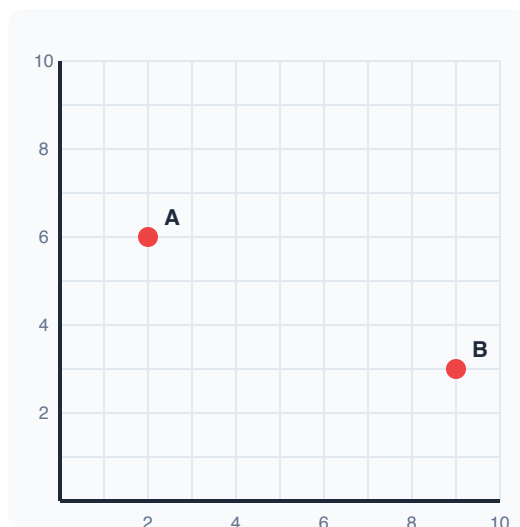
both axes

16. Points $(1, 5)$ and $(9, 5)$ lie on the same horizontal line. How far apart are they? ____

17. Points $(9, 5)$ and $(9, 3)$ lie on the same vertical line. How far apart are they? ____



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



Point B

Point A



Answer Key

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