

READING COORDINATES IN FOUR QUADRANTS - ANSWERS

SPIRAL



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|--------------------------------------------------|---------------|---------------------------------------------|---------------|
| S1. What is $\frac{1}{4} + \frac{2}{4}$? | $\frac{3}{4}$ | S2. Write 0.5 as a fraction | $\frac{1}{2}$ |
| S3. Calculate $2x + 1$ when $x = 3$ | 7 | S4. Find $5y$ when $y = \frac{1}{2}$ | 10 |

DEVELOP

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|----------------------------------------------|--------------|-------------------------------------|-------------|
| 1. In which quadrant is (3, 4)? | Quadrant I | 2. Plot the point (-2, 5) | Quadrant II |
| 3. Identify the quadrant for (-4, -3) | Quadrant III | 4. Where is (6, -2) located? | Quadrant IV |

5. Reflect $(3, -5)$ over the x-axis $(3, 5)$
6. What are the coordinates of the origin? $(0, 0)$
7. Which quadrant contains $(-7, 2)$? Quadrant II
8. Plot $(0, 4)$ on the grid On y-axis at 4
9. Identify the quadrant for $(5, 5)$ Quadrant I
10. Where is $(-3, 0)$ located? On x-axis at -3
11. Reflect $(-2, -4)$ over y-axis $(2, -4)$
12. What is the y-coordinate of $(6, 9)$? 9
13. Which axis does $(0, -8)$ lie on? y-axis
14. Give coordinates 3 units right and 2 units down from origin $(3, -2)$
15. Identify quadrant for $(-1, -6)$ Quadrant III
16. Plot the mirror image of $(4, -3)$ across x-axis $(4, 3)$
17. Where is $(7, 0)$ positioned? On x-axis at 7
18. What are the coordinates 5 left and 4 up from origin? $(-5, 4)$
19. Reflect $(-5, 2)$ over y-axis $(5, 2)$
20. Which quadrant contains $(2, -7)$? Quadrant IV

APPLY



- A1.** A treasure is buried at $(-3, 4)$. Which quadrant is this in? **Quadrant II**
- A2.** A football is placed 2 metres left and 5 metres forward from the centre spot. Give its coordinates. **$(-2, 5)$**
- A3.** A robot moves 3 units down from $(0,0)$. Write its new position. **$(0, -3)$**
- A4.** A shop is at $(4, -1)$ on a city map. Which quadrant is this? **Quadrant IV**
- A5.** A zookeeper marks a tiger at $(-2, 6)$. Is this in Quadrant I, II, III or IV? **Quadrant II**