



Answers

Geometry: Position & Direction · all three difficulty levels on this one page, so there's no need to print extra answer pages per worksheet.

Easy

SECTION A: COORDINATES

- 1. (2,3)
- 2. (4,1)
- 3. 5
- 4. 2
- 5. The origin
- 6. (2,3)

SECTION B: TRANSLATION

- 1. (3,1)
- 2. (3,3)
- 3. 3 squares up
- 4. 3 squares right
- 5. (3,2)
- 6. (3,3)
- 7. False
- 8. True

Achievable

SECTION A: COORDINATES

- 1. A rectangle
- 2. (5,4)
- 3. (5,1)
- 4. (2,5)
- 5. The y-axis
- 6. (5,3), (5,5), (3,5)

SECTION B: TRANSLATION

- 1. (5,5)
- 2. (2,4)
- 3. 4 right, 3 up
- 4. 5 left
- 5. (3,4), (5,4), (5,6), (3,6)
- 6. (7,6)

Difficult

SECTION A: COORDINATES

- 1. Width 5, height 4
- 2. 16cm
- 3. (4,2), area 20cm²
- 4. 5 right, 5 up
- 5. (2,2) is closer - it's 2 across and 2 up, vs 5 across and 1 up for the other point*

SECTION B: TRANSLATION

- 1. 4 right, 5 up; new corners (6,8), (9,8), (9,11), (6,11)
- 2. 8 right, 6 down
- 3. (1,3)
- 4. 4 left, 3 down

Questions marked with an asterisk (*) accept more than one correct answer, or ask your child to explain their reasoning - use your judgement on partial credit.