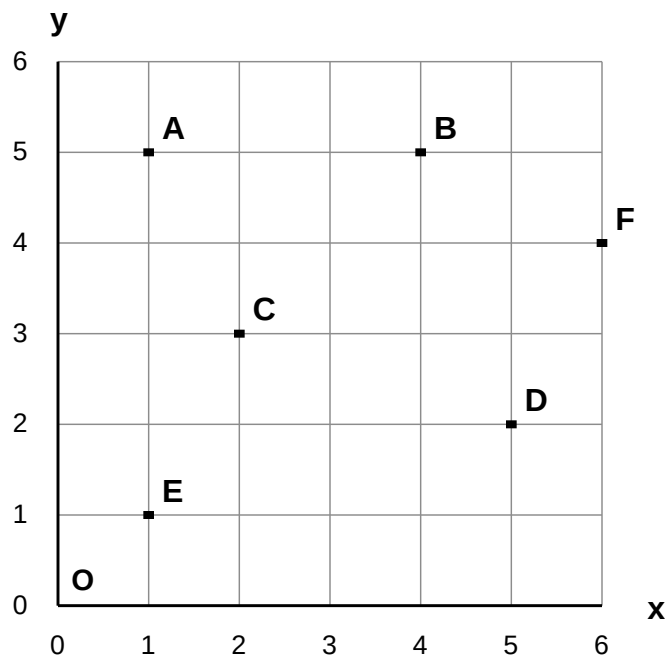


Coordinate treasure hunt

Three beginner puzzles | Use page 2 to check your answers

Write a point as (x, y): horizontal first, vertical second.
O = (0, 0). Count gaps, starting at zero. Each point is a line crossing, not a square.

The island map



- A = tower
- B = bridge
- C = camp
- D = dock
- E = oak
- F = cave

Example: (3, 2)
From O, go 3 units right and 2 units up. Stop at the crossing.

Puzzle 1 - Decode the stops

Find each landmark. Write its letter and name.
(5, 2): _____ (2, 3): _____
(6, 4): _____

Puzzle 2 - Send a location

Write coordinates: A (____, ____) B (____, ____) E (____, ____)

Puzzle 3 - Find the hidden treasure

Start at E. Go 3 units right, then 2 units up. Mark the endpoint T.
T = (____, ____). It is below B and to the right of C.

Answers and explanations

Puzzle 1: (5, 2) is D, the dock; (2, 3) is C, the camp; (6, 4) is F, the cave. In each case the first number selects the horizontal position and the second selects the height.

Puzzle 2: A = (1, 5), B = (4, 5), E = (1, 1). A and B share a height of 5; A and E share a horizontal position of 1.

Puzzle 3: E is (1, 1). After 3 units right you reach (4, 1); after 2 units up you reach T = (4, 3). T shares $x = 4$ with B and $y = 3$ with C, so both cross-checks agree.

If you wrote (3, 4), you swapped the coordinates. That point is 3 units right and 4 units up from O; it is a different intersection. If you reached (3, 2) in puzzle 3, you started the route at O instead of E.

Treasure route: E (1, 1) > (4, 1) > T (4, 3)

