

Finn's Ocean Mapping Challenge

Learning objective: To accurately identify and use four-figure grid references on a map.

Join Finn the dolphin on his underwater expedition! Use the grid map provided in your imagination to help Finn navigate the coral reefs. Remember the golden rule: 'Along the corridor, then up the stairs' to find your grid square.

Answer Key: 1. B, 2. True, 3. 24, 4. B, 5. False, 6. 32, 7. A, 8. True, 9. 41, 10. C. Remember: Always read the bottom numbers (Eastings) first, then the side numbers (Northings).

Word bank: Grid reference · Coordinates · Eastings · Northings · Map key · Symbol

1. 1. When finding a grid reference, which direction do you move first? A) Up B) Along the bottom C) Diagonally D) Downwards (1 mark)

2. 2. True or False: The numbers along the bottom of a map are called Eastings. (1 mark)

3. 3. If you are in the square where the bottom line is 2 and the side line is 4, what is the grid reference? (Write as a 2-digit number) (1 mark)

4. 4. What is the name for the numbers that go up the side of the map? A) Sideways B) Northings C) Longitudes D) Latitudes (1 mark)

5. 5. True or False: A grid reference tells you the exact height of a mountain. (1 mark)

6. 6. Finn is at grid reference 32. Which number represents the Northings? (1 mark)

7. 7. Why do we use grid references? A) To locate places easily B) To color maps C) To check the weather D) To count fish (1 mark)

8. 8. True or False: Grid squares help us break a large map into smaller, easier sections. (1 mark)

9. 9. A treasure chest is hidden in the square where the bottom number is 4 and the side number is 1. What is the grid reference? (1 mark)

10. 10. Which of these is a valid four-figure grid reference? A) 1 B) 123 C) 2314 D) 5 (1 mark)

Draw: Draw a simple 3x3 grid. In square 11, draw a small boat. In square 33, draw a tiny island with a palm tree. Label your Eastings (1, 2, 3) and your Northings (1, 2, 3).



Extension challenge: Imagine you are planning a journey for Finn. Write down three different grid references he needs to visit to see the coral reef, the sunken ship, and the seagrass meadow!