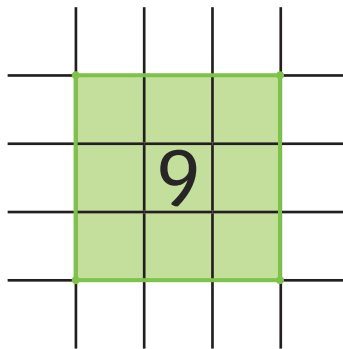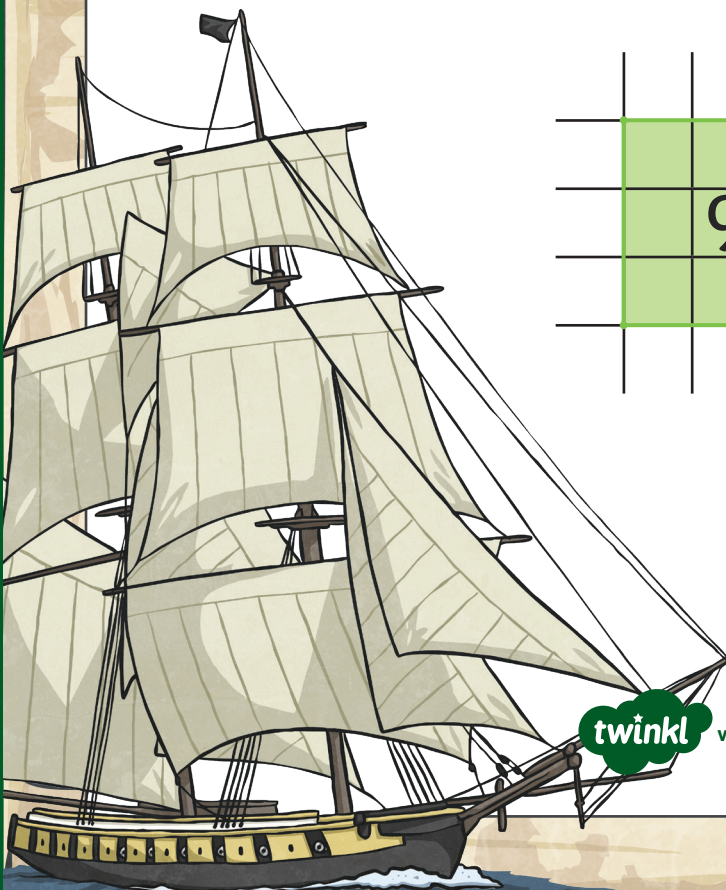# Capture the Island Area Challenge

You will need:

Capture the Island game board, two coloured crayons, coordinate cards.

Instructions:

1. Each player chooses a coloured crayon and writes their name at the top of the board. Cut out the coordinate cards and place them face down in a pile.

2. Player one takes a card from the top of the pile and plots the four points. Player 1 then uses their crayon to join the points and form a rectangle. Player one calculates the area of the shape, writes the number inside, and colours the island to capture it.

3. Player 2 takes a card from the pile and repeats step 2 using their crayon to plot and capture an island.

4. Players take it in turns until there are no cards left.

5. At the end of the game, players add up their points. The player with the largest total area of captured islands is the winner!

9

Coordinate Cards

(1,1) (1,2) (4,1) (4,2)	(5,1) (5,4) (7,1) (7,4)
(8,2) (8,6) (12,2) (12,6)	(6,16) (6, 18) (9,16) (9,18)
(11,0) (11,1) (15,0) (15,1)	(8,8) (8,9) (13,8) (13,9)
(13,2) (13,5) (15,2) (15,5)	(0,5) (0,7) (4,5) (4,7)
(2,9) (2,11) (4,9) (4,11)	(8,11) (8,12) (9,11) (9,12)
(1,16) (1,18) (4,16) (4,18)	(11,10) (11,12) (14,10) (14,12)
(1,3) (1,4) (3,3) (3,4)	(11,16) (11,17) (12,16) (12,17)
(13,15) (13,18) (14,15) (14,18)	(9,13) (9,15) (12,13) (12,15)
(1,13) (1,15) (7,13) (7,15)	(5,8) (5,12) (7,8) (7,12)

Capture the Island Area Challenge

player 1:

player 2:

18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

0   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15