



Stage 4 Geography

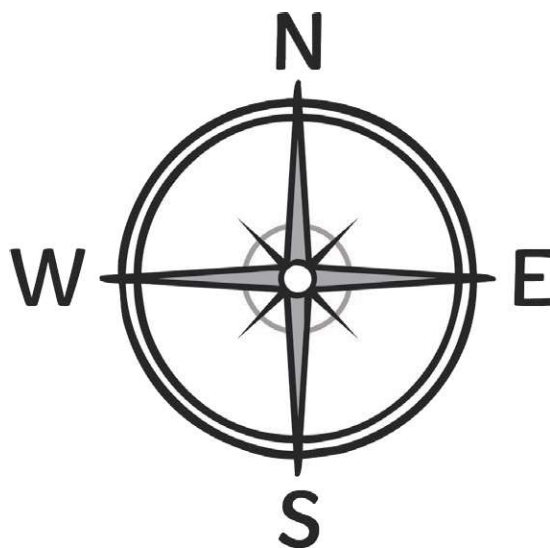
Week 7 Workbook

Australia's Place in the World

Indian Ocean	Arctic Ocean	Pacific Ocean	South America
Antarctica	Southern Ocean	Africa	Asia
North America	Europe	Atlantic Ocean	

Use the word bank to answer these questions.

1. Which ocean is **west** of Australia? _____
2. Which continent is **north** of Australia? _____
3. Name an ocean that is **far** from Australia. _____
4. Name a continent that is **near** Australia. _____
5. Which ocean is **east** of Australia? _____
6. Which continent is **south** of Australia? _____
7. Name an ocean that is **south** of Australia. _____
8. Name a continent that is **far** from Australia. _____



Continents and Oceans

b i j p m s a f r i c a
c g v a e o n o c e a n
u x h c d u t p l u a n
i a v i e t a i k r t a
n r h f n h r d n o l r
d j z i y z c o h p a c
i x n c o n t i n e n t
a s i a f y i l b z t i
n a m e r i c a r b i c
n o r t h h a d d w c m
a u s t r a l a s i a h
u l z p s o u t h e r n

Africa
America
Antarctica

Arctic
Asia
Atlantic

Australasia
continent
Europe

Indian
North
ocean

Pacific
South
Southern

SKILLS MASTER

How to write latitude and longitude

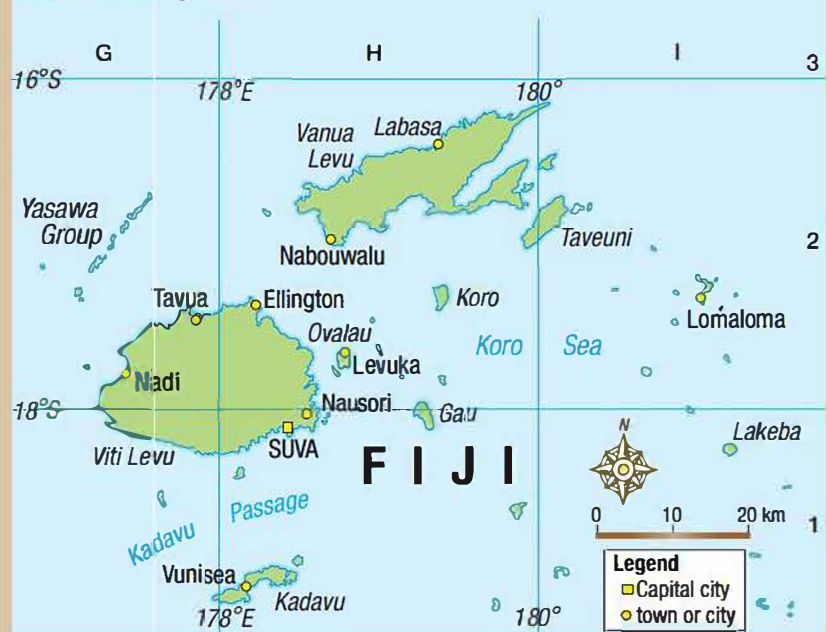
Latitude and longitude are two numbers describing the position of any point on the surface of the Earth. There are a few rules to follow.

- 1 Latitude and longitude are expressed in degrees. Degrees latitude refers to the distance of a place either north or south of the equator. Degrees longitude refers to the distance of a place either east or west of the Prime Meridian.
- 2 Latitude is always written first and the letters °N (north) or °S (south) must follow the number.
- 3 Longitude follows latitude and must be labelled °E (east) or °W (west).

An example from the Fiji extract in 2.23 is:

Suva is about 18 degrees south of the Equator and 178 degrees east of the Prime Meridian. This is written 18°S, 178°E.

2.23 Atlas map of Fiji



SKILLS MASTER

How to use an atlas

An atlas is a collection of maps of different parts of the world. The maps may show the whole world or specific regions or countries.

Use the table of contents to find a map, not a place. For example, you might want to find a map of Canada, a settlement map of Africa or a political world map.

Use the index to find a particular place like a town or city, mountain, river or lake but not an entire map. In the index every place is listed in alphabetical order.

Using the index

Nadi (shown in 2.25) would be found on page 82, in the grid of G2. Its latitude and longitude reading is 17°47'S 177°29'E.

place name	country name or state name	page number	latitude	longitude
Nabouwalu	Fiji	82	H2	17.00S 178.43E

2.24 How to read the index

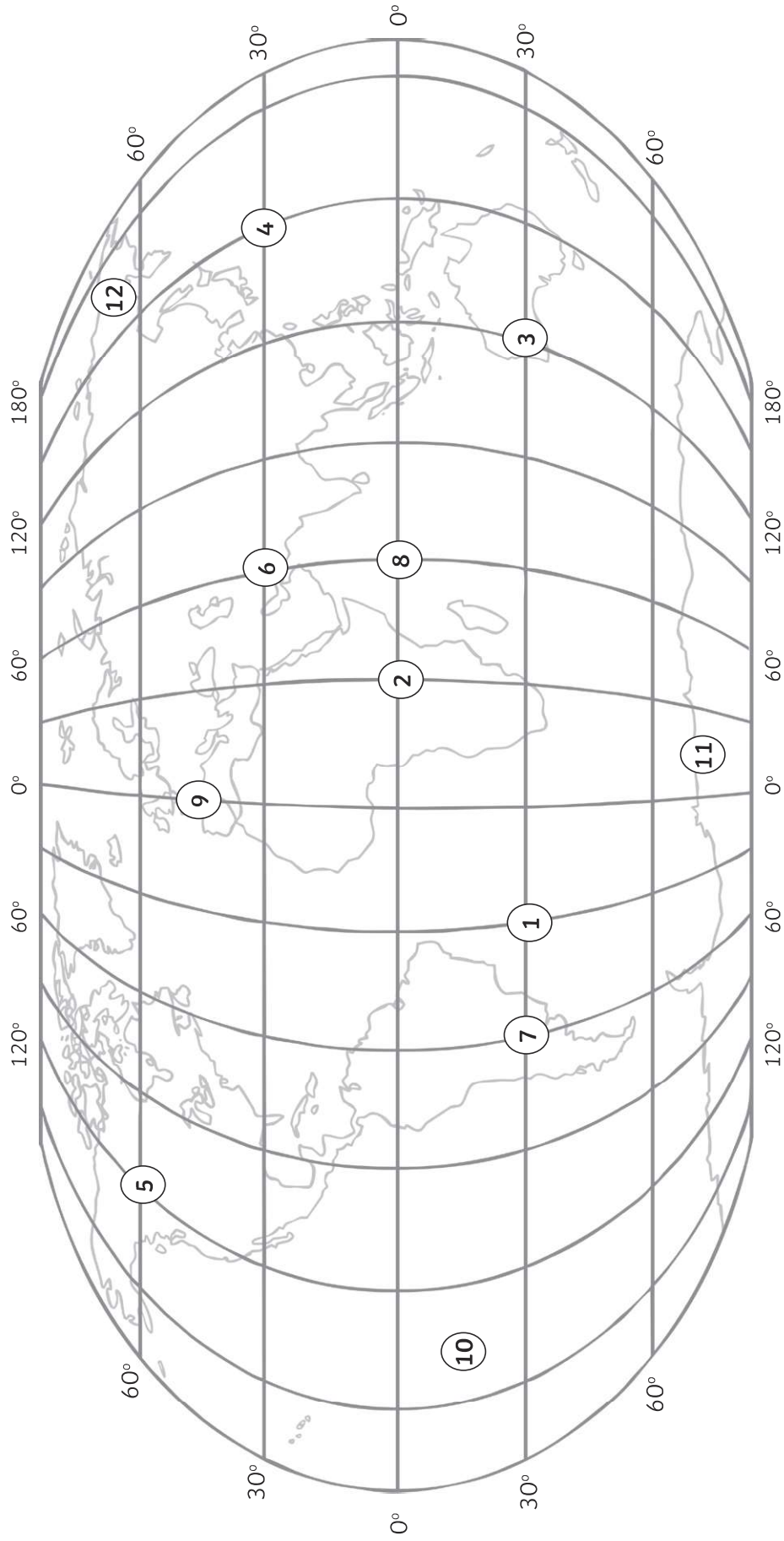
N

Naalehu	Hawaiian Is	82 J10	.....	19.04N 155.36W
Naberezhnyye Chelny	Russian Fed.	118 H3	...	55.42N 52.20E
Nabeul	Tunisia	116 F4	.....	36.28N 10.44E
Nablus	West Bank	109 A3	.....	32.13N 35.16E
Nabouwalu	Fiji	82 H2	.....	17.00S 178.43E
Nacala	Mozambique	123 D3	.....	14.30S 40.37E
Nadi	Fiji	82 G2	.....	17.47S 177.29E
Nador	Morocco	116 C4	.....	35.12N 2.55W
Næstved	Denmark	114 I3	.....	55.14N 11.46E

2.25 Part of the 'N' section in an atlas index

Easter Trail – Latitude and Longitude

Can you find the co-ordinates of the Easter eggs using latitude and longitude?

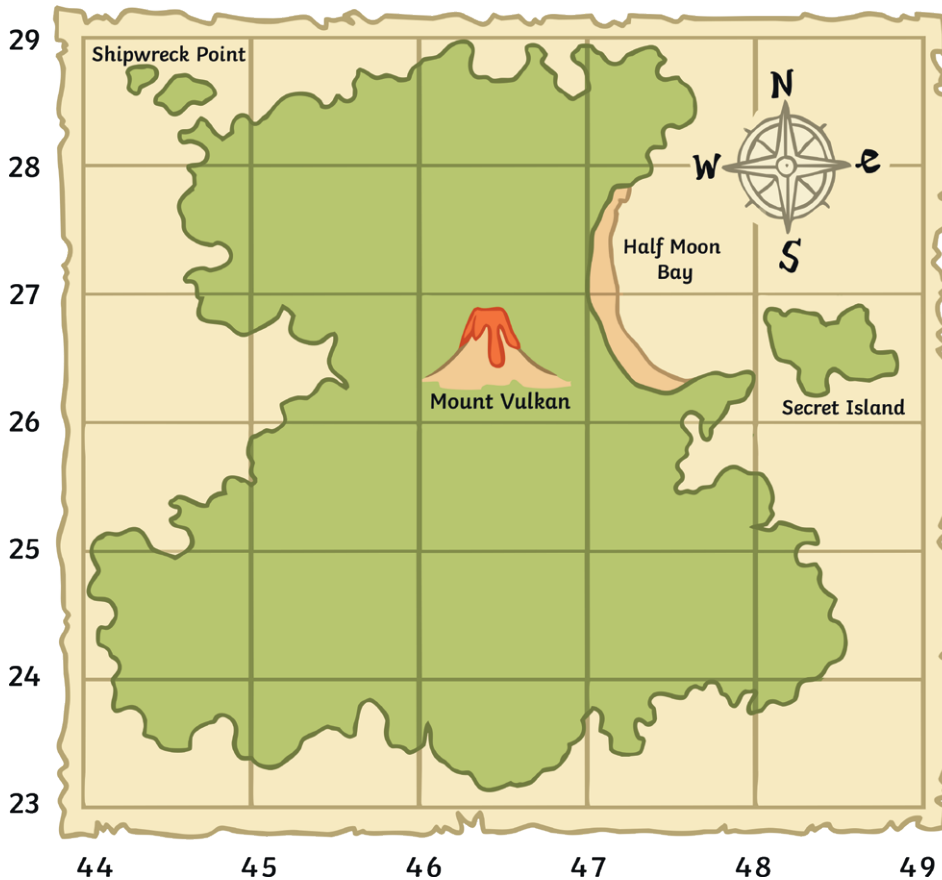


If you finish, name the continent or ocean each egg can be found in.

1)	30° N, 30° W	2)	0° ____, 30° E	3)	30° ____, 120° E	4)	30° N, 150° __
5)	__° N, 120° W	6)	__° N, 60° E	7)	__° S, 60° W	8)	0° N, __° E
9)	45° N, __° E	10)	15° __, 135° W	11)	__° S, 15° W	12)	__° N, 165° __

Treasure Island

You have found an old treasure map... but it is not clear where the treasure is buried as a lot of information is missing!



Key:

1. Using your own symbols, add the following locations onto the map:

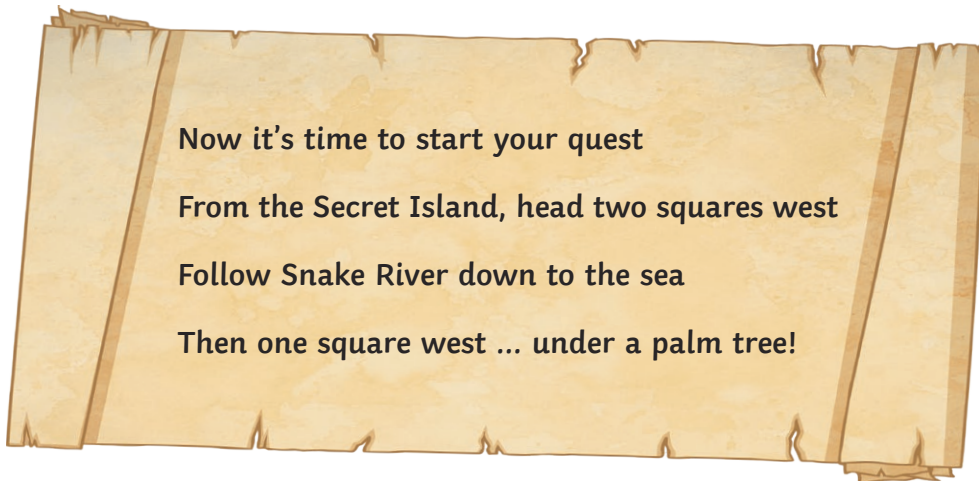
- The Miserable Mountains are in grid squares 4527 and 4627.
- There is a pirate ship in grid square 4426.
- Snake River starts at Mount Vulkan and flows through grid squares 4625, 4524 and 4523 to the sea.
- The Murky Marshes are in grid squares 4624, 4724, 4824 and 4725.
- Palm Tree Forest covers grid squares 4423, 4424, 4425, 4524 and 4525.

2. Now the map is complete...but are you worthy of the treasure? It is time to test your map skills!
What are the four-figure grid references for these locations?

- Shipwreck Point _____
- Mount Vulkan _____
- The Secret Island _____
- Half Moon Bay _____ and _____

3. At last.... the final clue to the treasure!

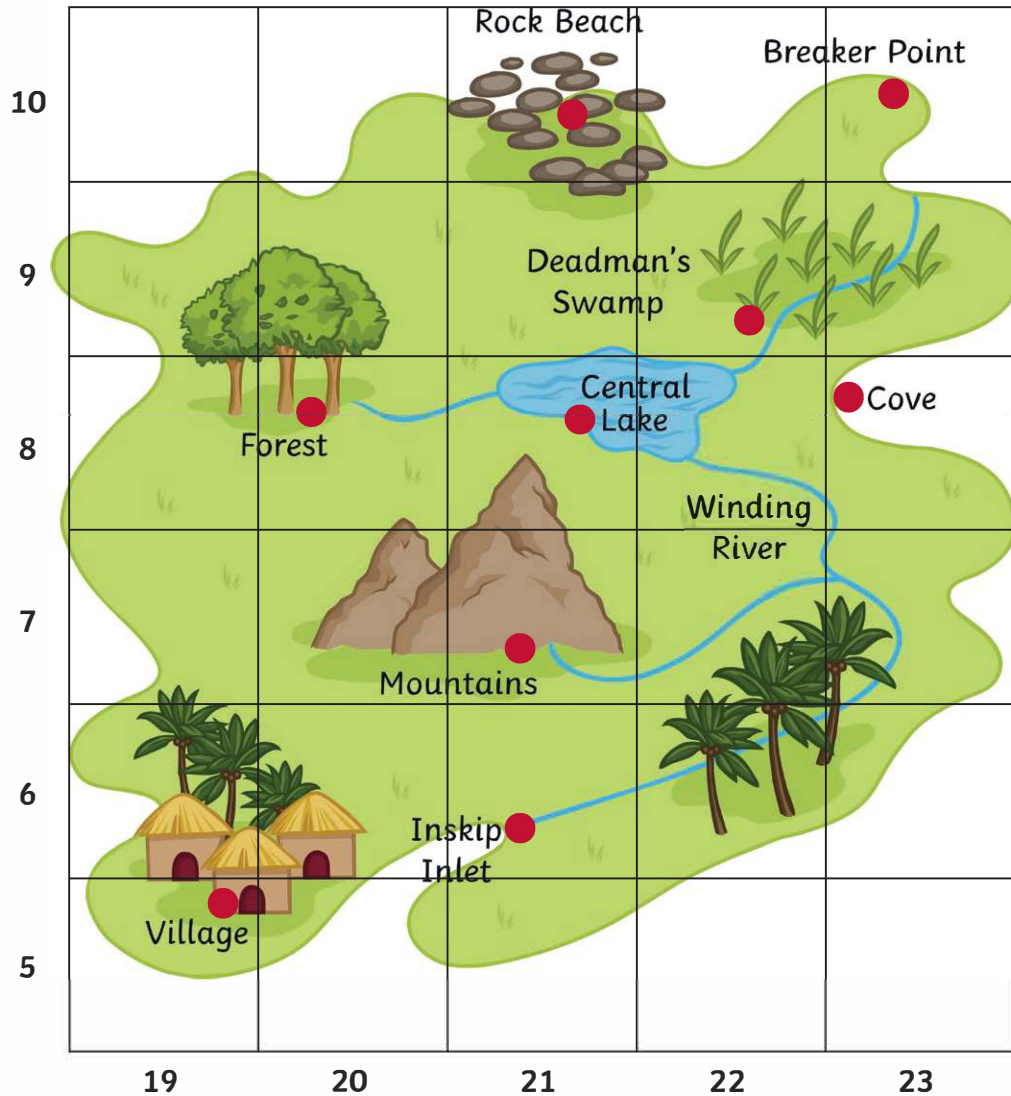
a) Which grid square is the treasure buried in? _____



Treasure Hunting

Map Reading

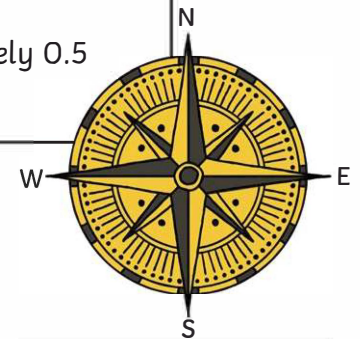
Being able to read and describe a map is a key skill in geography. Use the map below to follow the clues and work out where the treasure is buried.



Can You Find the Treasure?

1. You arrive in square 23 10 at Breaker Point.
2. Walk in a south-westerly direction until you reach Deadman's Swamp.
3. Here, you will find a river.
4. Follow the river in a south-westerly direction until you reach a lake.
5. Walk anticlockwise around the lake until you locate another river.
6. From here, travel west for exactly 1 mile.
7. Then, travel south-east for exactly 1 mile.
8. From here, walk south until you reach the sea.
9. At the sea, walk west for exactly 1 mile.
10. You will find the treasure approximately 0.5 miles south of your current location!

1 mile = 1 square



Swanage Map Four-Figure and Six-Figure Grid References



What is the purpose of grid references?

Grid references help us to _____

Complete the paragraph below:

more

four-figure

location

six-figure

Four-figure grid references are used to find a grid square but we can use _____ grid references to find an exact _____ within a grid square. Six-figure grid references are much _____ accurate than _____ grid references.

Answer these questions using the map of Swanage.

1. Find Swanage Pier on the map. Which of these is the correct four-figure grid reference?
 - a) 0378
 - b) 0377
 - c) 0279
2. Find Durlston Country Park on the map. Which of these is the correct four-figure grid reference?
 - a) 0377
 - b) 0277
 - c) 7703
3. What is the name of the bay which is found in grid square 0379?

4. What is located at six-figure grid reference 013776?
 - a) a church
 - b) a triangulation pillar
 - c) a school
5. What is located at six-figure grid reference 015793?
 - a) a railway station
 - b) a hospital
 - c) a campsite

Extension

Name four features that can be found in grid square 0179.
