

# Student worksheet

No. 9

## Focus

Elapsed time and durations in minutes and hours

### Question 1

A concert started at 7:45 pm and went for 2 hours and 40 minutes.

At what time did it finish?

- ☐ 10:25 pm
- ☐ 10:05 pm
- ☐ 10:15 pm
- ☐ 9:40 pm

Shade one bubble.



### Question 2

Weekly Computer Timetable

Computer Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:50 – 9:10		Benny			
11:00 – 11:25		Yanni	Tom	Lizzie	Yanni
12:30 – 1:00	Lizzie		Sarah		
1:00 – 1:30				Benny	Kate

Who has the most computer time this week?

- ☐ Benny
- ☐ Lizzie
- ☐ Tom
- ☐ Kate
- ☐ Yanni

Shade one bubble.



### Question 3

Alan arrived in Albany at 4:30 pm.

Ron arrived in Albany at 4:35 pm.

Jodie arrived in Albany at 4:20 pm.

Who took the longest to get to Albany?

- ☐ Alan
- ☐ Ron
- ☐ Jodie
- ☐ You can't tell.

Explain how you know.

Shade one bubble.



Write your answer on the lines.



### Question 4

The table below shows the times four people arrived at work and when they left work.

Name	Time	Arrived at work	Left work
Jasmine		7:00 am	3:30 pm
Mia		8:30 am	3:30 pm
Quang		8:30 am	4:10 pm
Luke		8:20 am	3:20 pm

Which person was at work for the longest time?

- ☐ Jasmine
- ☐ Mia
- ☐ Quang
- ☐ Luke

# Student worksheet

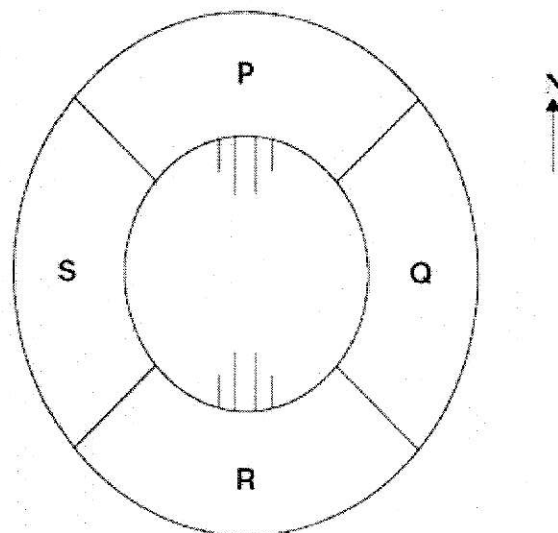
Focus: Key compass directions (north, north-east, east etc.)

## Question 1

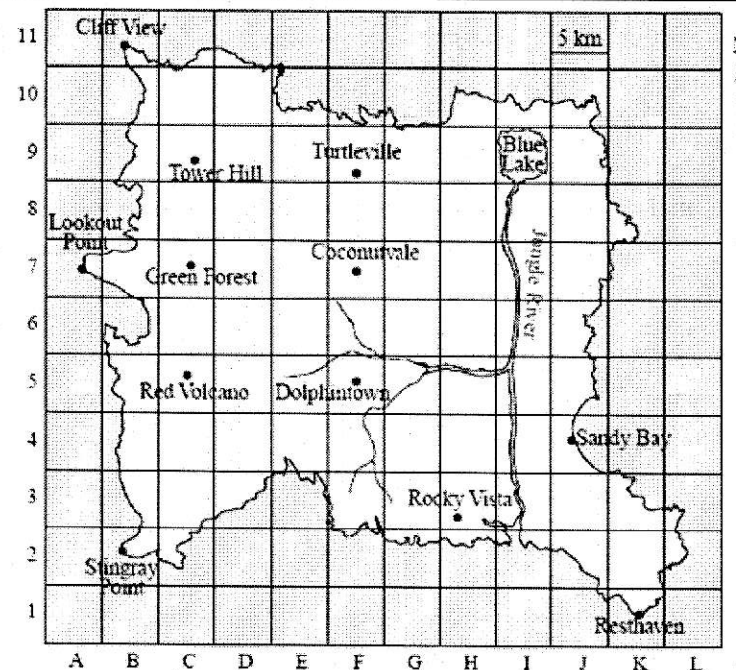
Ben sits in the west section of the oval.

Ben is sitting in section

- ☐ P  
☐ Q  
☐ R  
☐ S



## Question 2



Mina is at Cliff View.

What direction will she need to travel in to reach Coconutvale?

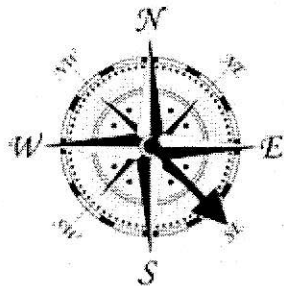
- ☐ south-east  
☐ north-east  
☐ south-west  
☐ north-west

Shade one bubble.



### Question 3

The arrow is pointing South-East.



Jimmy turns the arrow a quarter turn clockwise.

Which direction is the arrow pointing after the turn?

South



South-East



South-West

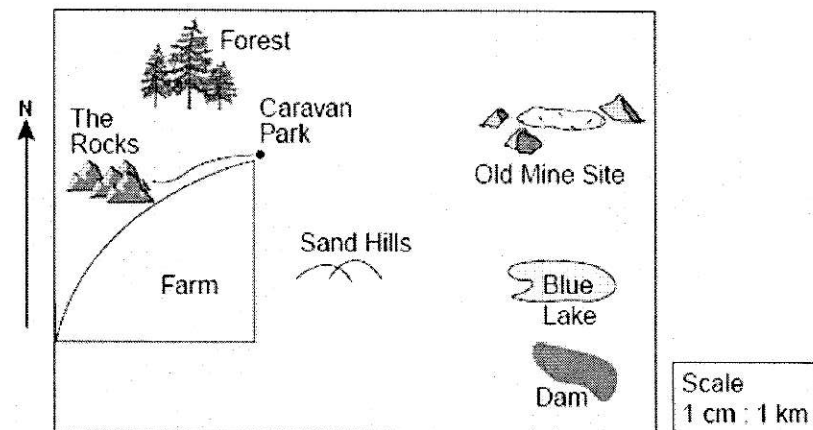


North-East



### Question 4

Holly used this map for bush walking.



Holly walked east from the Caravan Park for about 2 km.  
She turned south and walked for another 2 km.  
She turned west and walked for another 3 km.

Holly would now be at the



farm.



Sand Hills.



forest.



Blue Lake.

## Student worksheet

### Focus

Number patterns with increasing difference

#### Question 1

Dave is making a pattern of tiles.  
At each stage, tiles are added to edges that don't already have a tile on them as shown.

Stage 1  
1 tile



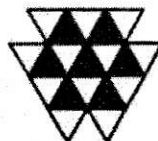
Stage 2  
4 tiles



Stage 3  
10 tiles



Stage 4  
19 tiles



What is the total number of tiles needed for Stage 5?

22

☐

28

☐

31

☐

33

☐

#### Question 3

Mrs Adams made up a number pattern rule.

The rule was: To find the next number, add 1 and double.

She said, "Start with 3 and use the rule."

Which one shows this pattern?

- ☐ 3, 4, 8, 9
- ☐ 3, 6, 12, 24
- ☐ 3, 8, 18, 38
- ☐ 3, 7, 15, 31
- ☐ 3, 8, 16, 32

#### Question 2

**?**, 8, 16, 32, 64, 128, ...

Which is the first number in this pattern?

- ☐ 1
- ☐ 2
- ☐ 4
- ☐ 6

#### Question 4

Here is a number pattern.

1, 4, 9, 16, ?, 36

One of the numbers is missing.

Which is the missing number?

- ☐ 20
- ☐ 23
- ☐ 25
- ☐ 26

## Student worksheet

### Focus

Representing and calculating key percentages

#### Question 1

Ben has these shells.



Write the answer  
on the line.



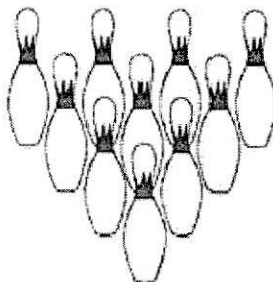
He gives half of them to Sally. What percentage of  
the shells does Sally get? \_\_\_\_\_

#### Question 2

Oliver knocked down 6 of the 10 pins.

What percentage of pins did Oliver knock down?

- ☐ 4%  
☐ 6%  
☐ 10%  
☐ 40%  
☐ 60%



#### Question 3

What is the sale price of the phone?

- ☐ \$25  
☐ \$50  
☐ \$150  
☐ \$175



Original price \$200  
Sale price 25% off

#### Question 4

The price of the book *Up in Space* is usually \$30.  
This week the price of the book is 25% less.

How much does the book cost this week?

- ☐ \$7.50  
☐ \$22.50  
☐ \$23.50  
☐ \$25.00  
☐ \$27.50

Shade one bubble.

