

Name: \_\_\_\_\_

Date: \_\_\_\_\_



# THE SNOWY MOUNTAINS SCHEME

## KNOWLEDGE QUEST



ANSWER LOCATION:

[snowyhydro.com.au](http://snowyhydro.com.au) or by clicking the headings in each of the boxes

### 1 THE SNOWY SCHEME

What is a dam?

A body of water

OR

A structure holding back water



### 2 THE SNOWY SCHEME

Depending on important factors, the 16 major Snowy Scheme dams are constructed with different materials.

Name the other three

Rockfill

### 3 THE SNOWY SCHEME

The combined water storage capacity of all the Scheme's reservoirs is...

\_\_\_\_\_ gigalitres.

This is approximately

\_\_\_\_\_ x 

the volume of Sydney Harbour

A megalitre (ML) = one million litres

A gigalitre (GL) = one thousand megalitres

### 4 THE SNOWY SCHEME

There are

\_\_\_\_\_ kilometres of tunnels

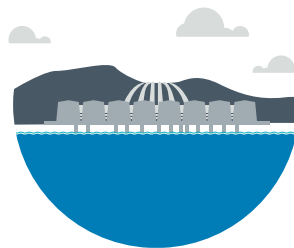
\_\_\_\_\_ kilometres of aqueducts

The longest tunnel is the \_\_\_\_\_

and it is \_\_\_\_\_

kilometres in length.

### 5 THE SNOWY SCHEME



How many power stations are in the Scheme?

Generating total capacity of \_\_\_\_\_

\_\_\_\_\_ megawatts

### 6 THE SNOWY SCHEME

Lake Eucumbene is the largest reservoir with a water storage capacity of

\_\_\_\_\_ gigalitres

### 7 WATER

Name both of the Snowy Scheme Developments

1 \_\_\_\_\_

2 \_\_\_\_\_



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### 8 HISTORY

The Migrant Snowy Story 1949–1974

How many countries did workers come from?

How many migrant workers worked on the Scheme?

### 9 THE SNOWY SCHEME

In what years were the following completed?

Murray 1 Power Station

Talbingo Dam

Tumut 1 Tailwater Tunnel

### 10 WATER

The diversion of water for irrigation was the key purpose of the Scheme.

True

False

### 11 PERSONAL RESEARCH

Name two types of irrigated produce

1

2

### 12 SNOWY 2.0 - OUR RENEWABLE FUTURE

Which two reservoirs will be linked?

How many reversible pump-turbines will be installed?

Snowy 2.0 is currently the largest renewable energy project in Australia.

True

False



### 13 GALLERIES

Select your favourite photo and briefly explain why

