

## YEAR 7 Measurement Calculator Allowed Test 3

### Numeracy Short Test

Time Allowed: 20min  
 Time Remaining: 19min 53s

Finish Test

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

### Question 1 of 16

Next



If a heart beats 75 times in a minute, how many times will it beat in a day?

Type the number of heartbeats in the box below, without any spaces or commas  
 e.g. type 20000 **not** 20 000 or 20,000.

Please type your answer here...

Submit

## YEAR 7 Measurement Calculator Allowed Test 3

### Numeracy Short Test

Time Allowed: 20min  
 Time Remaining: 19min 27s

Finish Test

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

### Question 2 of 16

Previous

Next

This is a timetable for three trains travelling from Taree to Sydney.

Taree	11:09	16:32	01:32
Gloucester	12:24	17:40	02:33
Maitland	14:01	19:17	04:05
Broadmeadow	14:21	19:37	04:35
Gosford	15:20	20:37	05:40
Sydney	16:34	21:51	07:13

How long does the train that takes the longest time to travel from Taree to Sydney take to complete the journey?

☐ 5 h 19 min

☐ 5 h 25 min

☐ 5 h 41 min

☐ 6 h 21 min

Flag this question to revisit later: ☐

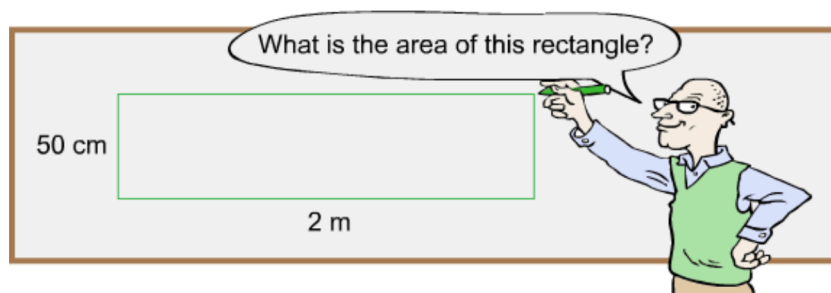
Previous

Next

### Question 3 of 16

Previous

Next



$1 \text{ m}^2$

$100 \text{ cm}^2$

$100 \text{ m}^2$

$1000 \text{ cm}^2$

Flag this question to revisit later: ●

Previous

Next

Copyright © 2013 Pascal Press Pty Ltd. All Rights Reserved.

A recipe for biscuits uses:

60 g butter

$\frac{2}{3}$  cup golden syrup

$1\frac{3}{4}$  cups plain flour

1 teaspoon bicarbonate of soda

1 teaspoon ground ginger

1 teaspoon mixed spice

$\frac{1}{4}$  teaspoon ground cloves

1 tablespoon milk

Billy needs to make a large batch of these biscuits for a fundraising event.

If he uses 450 g of butter, how much golden syrup will he need?

$2\frac{1}{2}$  cups

4 cups

5 cups

$7\frac{1}{2}$  cups

## YEAR 7 Measurement Calculator Allowed Test 3

### Numeracy Short Test

Time Allowed: 20min  
Time Remaining: 00s  
18min 47s

Finish Test

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

### Question 5 of 16

Previous

Next



On a journey a car travelled 520 kilometres. It used petrol at the rate of 8 litres per 100 kilometres.

What is the total cost of the petrol used if petrol costs \$1.75 per litre?

Type the amount in the box below, without the \$ sign e.g. 25.20 for \$25.20.

Please type your answer here...

Submit

Flag this question to revisit later: ☐

Previous

Next

Copyright © 2013 Pascal Press Pty Ltd. All Rights Reserved.

## YEAR 7 Measurement Calculator Allowed Test 3

### Numeracy Short Test

Time Allowed: 20min  
Time Remaining: 00s  
18min 42s

Finish Test

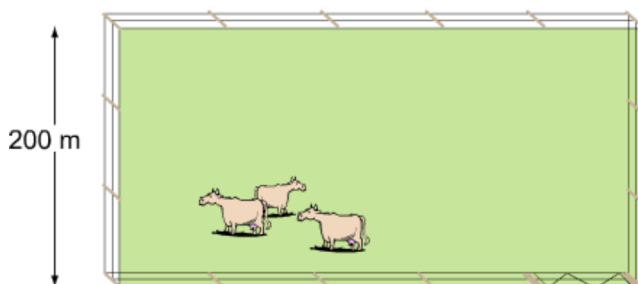
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

### Question 6 of 16

Previous

Next

A paddock is in the shape of a rectangle. The paddock is 200 m wide.



How long is the paddock (in metres) if the total length of the fence and gates is 1600 metres?

Please type your answer here...

Submit

## YEAR 7 Measurement Calculator Allowed Test 3

### Numeracy Short Test

Time Allowed: 20min  
Time Remaining: 18min 35s

Finish Test

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

### Question 7 of 16

Previous

Next



A cyclist completed a journey in 45 minutes, at an average speed of 16 kilometres per hour.

How many kilometres was the journey?

Please type your answer here...

Submit

## YEAR 7 Measurement Calculator Allowed Test 3

### Numeracy Short Test

Time Allowed: 20min  
Time Remaining: 18min 28s

Finish Test

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

### Question 8 of 16

Previous

Next



The maximum load a truck can carry is 8 tonnes. The truck is to be loaded with boxes that weigh 40 kilograms each.

How many boxes can the truck carry?

☐ 20

☐ 50

☐ 200

☐ 500

# YEAR 7 Measurement Calculator Allowed Test 3

## Numeracy Short Test

Time Allowed:  
Time Remaining:

20min  
00s  
18min  
22s

Finish Test

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

### Question 9 of 16

Previous

Next



What is the time  $2\frac{3}{4}$  hours after 3:45 pm?

☐ 6:02 pm

☐ 6:12 pm

☐ 6:20 pm

☐ 6:30 pm

Flag this question to revisit later:

Previous

Next

Copyright © 2013 Pascal Press Pty Ltd. All Rights Reserved.

\* This is not an officially endorsed publication of the NAPI AN program and is produced by Pascal Press independently of Australian governments

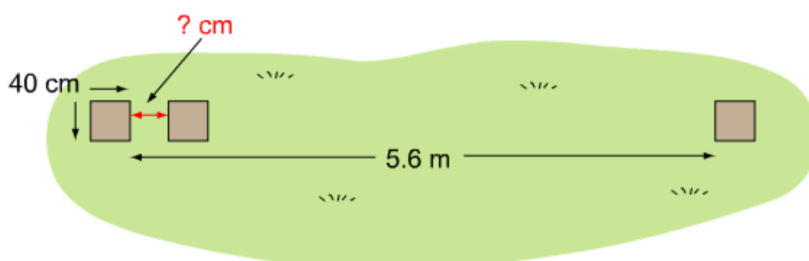
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

### Question 10 of 16

Previous

Next

Jianguo has nine paving stones that are squares of side length 40 cm. He wants to use them as stepping stones equally spaced across his lawn. He has positioned the first and last stone and knows that the distance between them is 5.6 metres as shown in the diagram.



How many centimetres apart should he place the paving stones?

Please type your answer here...

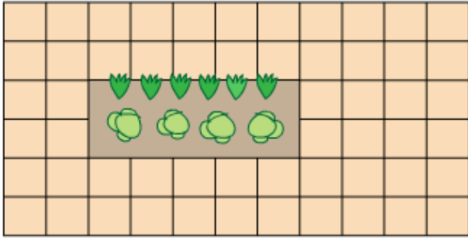
Submit

## Question 11 of 16

Previous

Next

Riley's vegetable garden is surrounded by square paving stones. A plan of his yard is shown below.



The total paved area is  $28 \text{ m}^2$ .

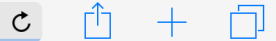
What is the area of Riley's vegetable garden?

$5 \text{ m}^2$

$10 \text{ m}^2$

$20 \text{ m}^2$

$38 \text{ m}^2$

☐
☐
☐
☐


## YEAR 7 Measurement Calculator Allowed Test 3 Numeracy Short Test

Time Allowed: 20min  
Time Remaining: 00s  
17min 57s

Finish Test

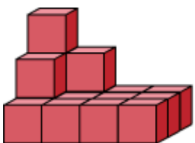
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

## Question 12 of 16

Previous

Next

Saskia is building a large cube from smaller identical cubes.



How many more cubes will she need?

☐ 20

☐ 24

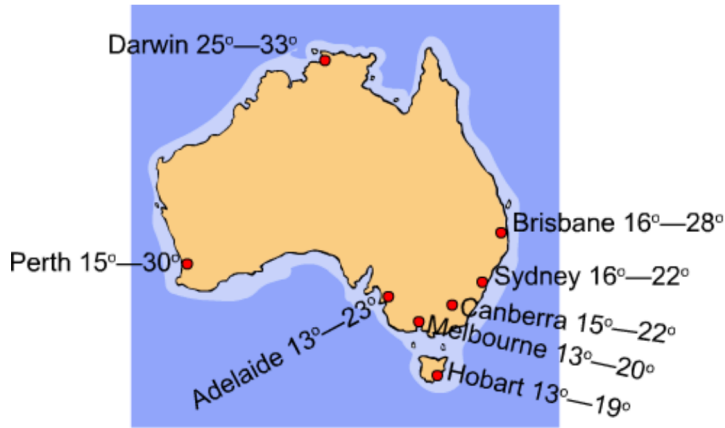
☐ 32

☐ 48

Flag this question to revisit later: ☐

Previous

Next



Which statement is **not** correct?

- ☐ Darwin had both the highest minimum and highest maximum.
- ☐ Perth had the greatest difference between minimum and maximum temperatures.
- ☐ Hobart had the lowest maximum temperature.
- ☐ Sydney and Melbourne both had the same difference between minimum and maximum temperatures.

## YEAR 7 Measurement Calculator Allowed Test 3

### Numeracy Short Test

Time Allowed: 20min  
Time Remaining: 00s  
17min 33s

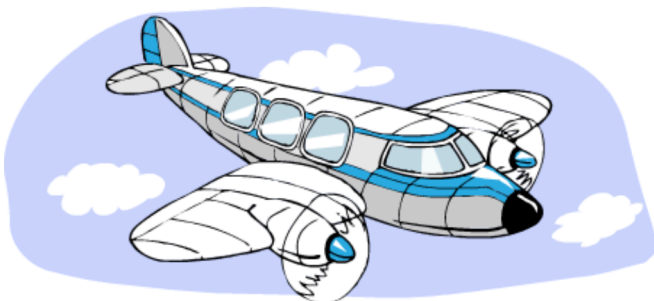
**Finish Test**

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

### Question 14 of 16

Previous

Next



A plane landed at Adelaide airport at 12:25 after a  $3\frac{3}{4}$  hour flight from Darwin. What time did it leave Darwin?

- ☐ 08:05
- ☐ 08:40
- ☐ 08:50
- ☐ 09:10

Flag this question to revisit later:

Previous

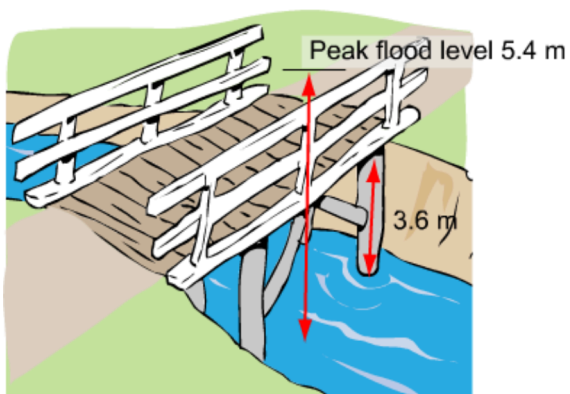
Next

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

## Question 15 of 16

Previous

Next



The height of the decking on a bridge is 3.6 metres. During a recent flood the river peaked at a height of 5.4 metres.

How many metres above the deck of the bridge was the water when the river peaked?

Please type your answer here...

Submit

Flag this question to revisit later:

Previous

Next

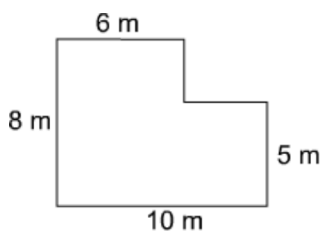
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

## Question 16 of 16

Previous

Finish Test

The diagram shows the floor of a building.



What is the area of the floor?

50 m<sup>2</sup>

68 m<sup>2</sup>

98 m<sup>2</sup>

2400 m<sup>2</sup>