National Numeracy Tests

READING

8ER15

First name _____

Last name _____

School _____

Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ ○○ 2015

Total score ○ (maximum 20)

128955

Llywodraeth Cymru
Welsh Government

1 Use the map on the next page.

Write the routes in order, **shortest distance** first.

shortest distance

1m

Now write the routes in order, **fastest time** first.

Comparing travel times for 1km

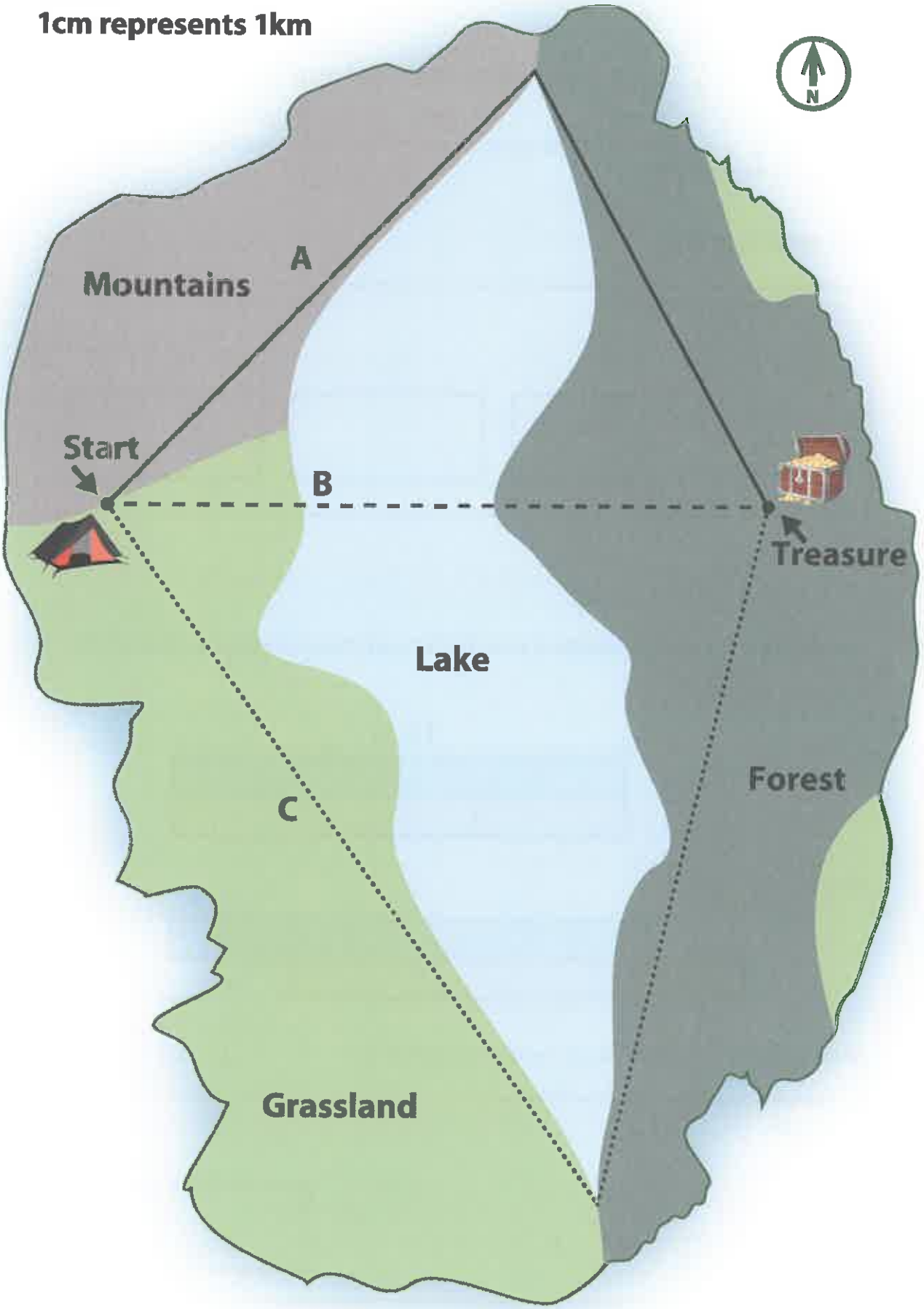
- forest: **twice** as long as grassland
- mountains: **3 times** as long as grassland
- raft: **9 times** as long as grassland

Show measurements and calculations to explain how you decide.

fastest time

4m

Scale:
1cm represents 1km



TOTAL
5m

2 These three dogs are different ages.

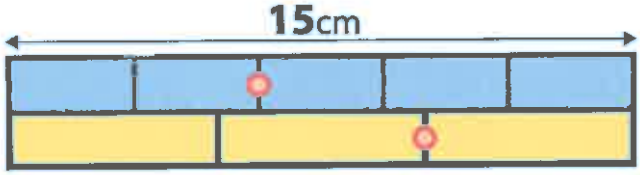
- Their ages, in years, **add** up to **15**
- Their ages, in years, **multiply** together to make **60**

How old is each dog?

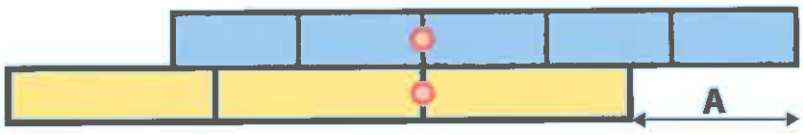
2m

3 The diagram shows five identical blue bricks and three identical yellow bricks.

A marker is on each row.



Now the markers join.



What is the length of A? Show how you work it out.

cm

2m

4 Breakfast menu:

Eggs and toast	Eggs, toast and mushrooms	Eggs and sausage	Eggs, sausage and tomatoes	Eggs, sausage and toast
£1.00	£1.25	£1.50	£1.65	£1.80

Ethan wants sausage, mushrooms, tomatoes and toast.

Work out what it should cost.

£

4m

TOTAL

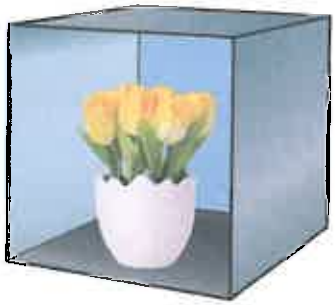
8m

5 Rhiannon buys a display unit for her wall.

The height is **50**cm.

The length is **50**cm.

The depth is **50**cm.



Rhiannon is going to paint the **inside and outside** of the unit purple, but she is **not** going to paint the surface that will be attached to the wall.

She reads the instructions on her paint tin:

This tin of paint covers
1.5m²

Does Rhiannon have enough paint?

Show calculations to explain how you know.

3m

6 The clock shows:

After **60** minutes it will show:

After **another 6000** minutes what will it show?

Show the time, day and am or pm on this clock.

4m

TOTAL

7m

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