

# PROCEDURAL

## 7EP15

First name \_\_\_\_\_

Last name \_\_\_\_\_

School \_\_\_\_\_

Class \_\_\_\_\_

Date of birth ○○ ○○ ○○○○

Date of test ○○ ○○ 2015

Total score  (maximum 35)



128916



Llywodraeth Cymru  
Welsh Government

1

$$248 - 160 - 40 = \boxed{\phantom{000}}$$

1m

$$78 + 75 = \boxed{\phantom{000}}$$

1m

2

Write  $\frac{7}{10}$  as a percentage.

%

1m

3

Tom has £12.99

Nia has £37.25

How much **more** does Nia have than Tom?

£

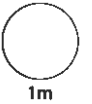
1m

- 4 There are 30 girls and 50 boys.

What is the **ratio** of girls to boys?

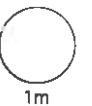
Write your answer as simply as possible.

:



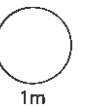
- 5 What number is one less than one million?

[ ]



- 6 This baby weighs 7580 grams.

Write his weight in **kilograms**.



7

### Pie chart to show trees planted in our area

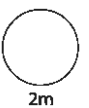


60 trees were planted.

$\frac{1}{6}$  of the trees are ash.

Complete the table.

Type of tree	Frequency
oak	
ash	
willow	
	<b>Total: 60</b>



8

$$3 \times \boxed{\phantom{000}} = 9 \times 7$$

1m

9



**Estimate** the total cost.

£

1m

10

A train leaves Cardiff at 12:48

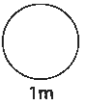
It takes 56 minutes to get to Swansea.

At what time does it get to Swansea?

:

1m

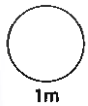
11 Write the number that is halfway between  $-16$  and  $8$



12 Each lap of a running track is  $400$  metres.

Gemma wants to run  $2$  kilometres.

How many laps should she run?



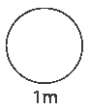
13 Glyn is making concrete using this ratio.

cement : sand : stones =  $1 : 2 : 6$

Glyn needs

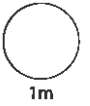
kg of cement,  $10$  kg of sand and

kg of stones.



14

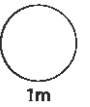
$$22.2 - 2.22 =$$



1m

15

Work out 5% of 960

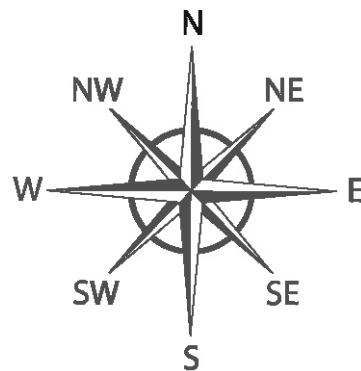


1m

16

Rhys faces **East**.

He turns **anticlockwise** through  $135^\circ$



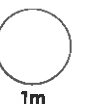
Which direction is he facing now?



1m

17

Work out 12.23 multiplied by 4



1m

TOTAL



7m

18

$$0.63 \times 5 = \boxed{\phantom{000}}$$

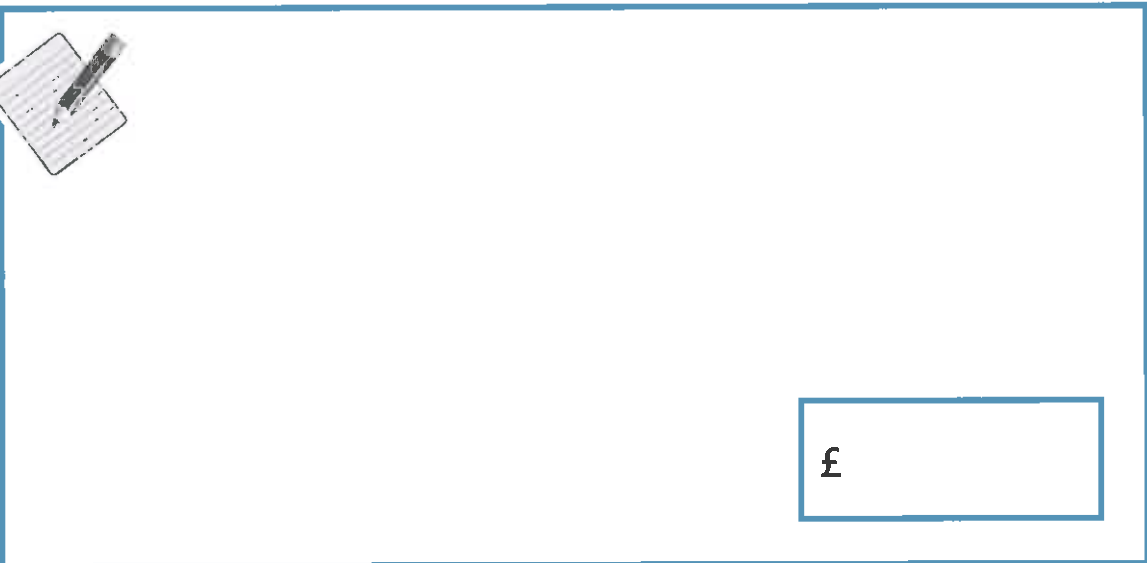
1m

$$7 \div 0.2 = \boxed{\phantom{000}}$$

1m

19

Increase £36.00 by 10%.



£

2m

20

$$4 \times (3 - 5) + 10 = \boxed{\phantom{000}}$$

1m

$$6 + (8 - 3)^2 = \boxed{\phantom{000}}$$

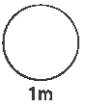
1m



21 Write  $<$ ,  $>$  or  $=$  in the boxes.

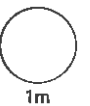
45%  0.45

0.45   $\frac{4}{5}$




1m

22 Write  $0.\dot{6}\dot{6}\dot{6}$  as a fraction.



1m

23 Work out  $648 \div 24$



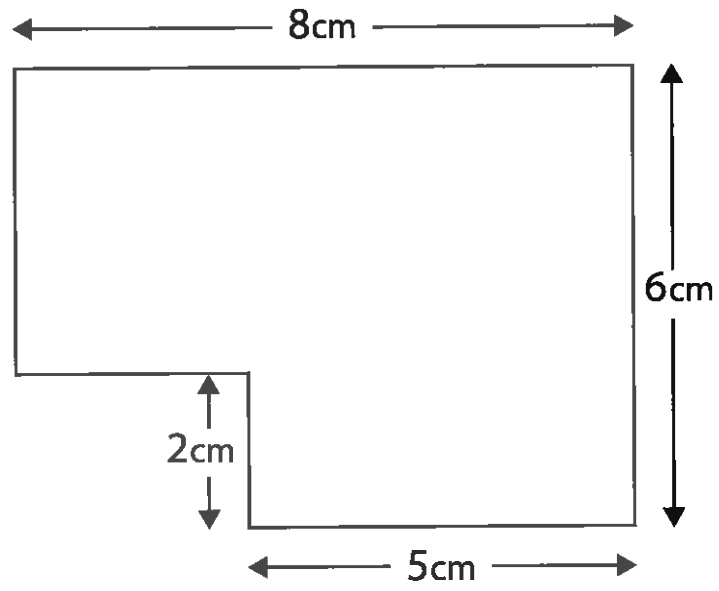


2m



TOTAL  
10m

24



What is the **area** of this shape?

A large blue rectangular box for writing the answer. In the top-left corner, there is an icon of a notepad and a pencil. In the bottom-right corner, there is a smaller blue rectangular box containing the text  $\text{cm}^2$ .

2m

25

$$50^2 =$$

$$\sqrt{121} + \sqrt{36} =$$

1m

1m

26

The numbers on the boxes show how many matches are in each box.



The **mean** number of matches is 50

Work out how many matches are in the last box.

matches

2m

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