

PROCEDURAL

7EP17

First name _____

Last name _____

School _____

Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ ○○ (2)(0)(1)(7)

Total score (maximum 35)



150289

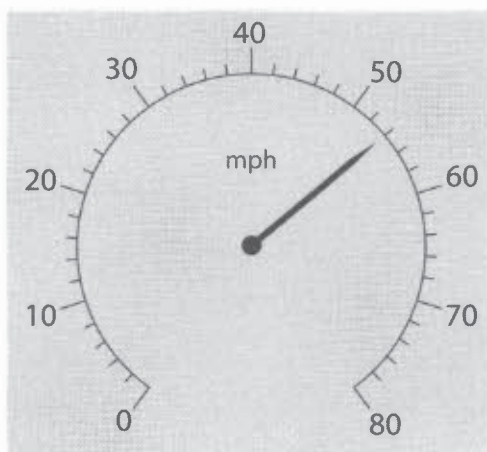


Llywodraeth Cymru
Welsh Government

1 Write in figures the number that is **five less** than one thousand.



2



The arrow shows a speed of mph.



3

$$89 + \text{[]} = 150$$



4

Write $\frac{9}{10}$ as a decimal.



- 5 Steffan thinks of a positive number.
When he squares it, the answer is 81
What was his number?



1m

6



How tall is the giraffe in centimetres?

 cm

1m

- 7 Subtract 0.32 from 1



1m

Add 22 to -15



1m

TOTAL



8m

8



Shorts
£12.99

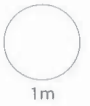


Jeans
£21.50

The jeans cost more than the shorts.

How much more?

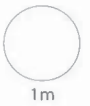
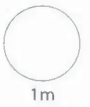
£ more



9

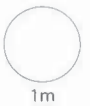
$11 \times 11 - 9 \times 11 =$

$\times 0.1 = 6$



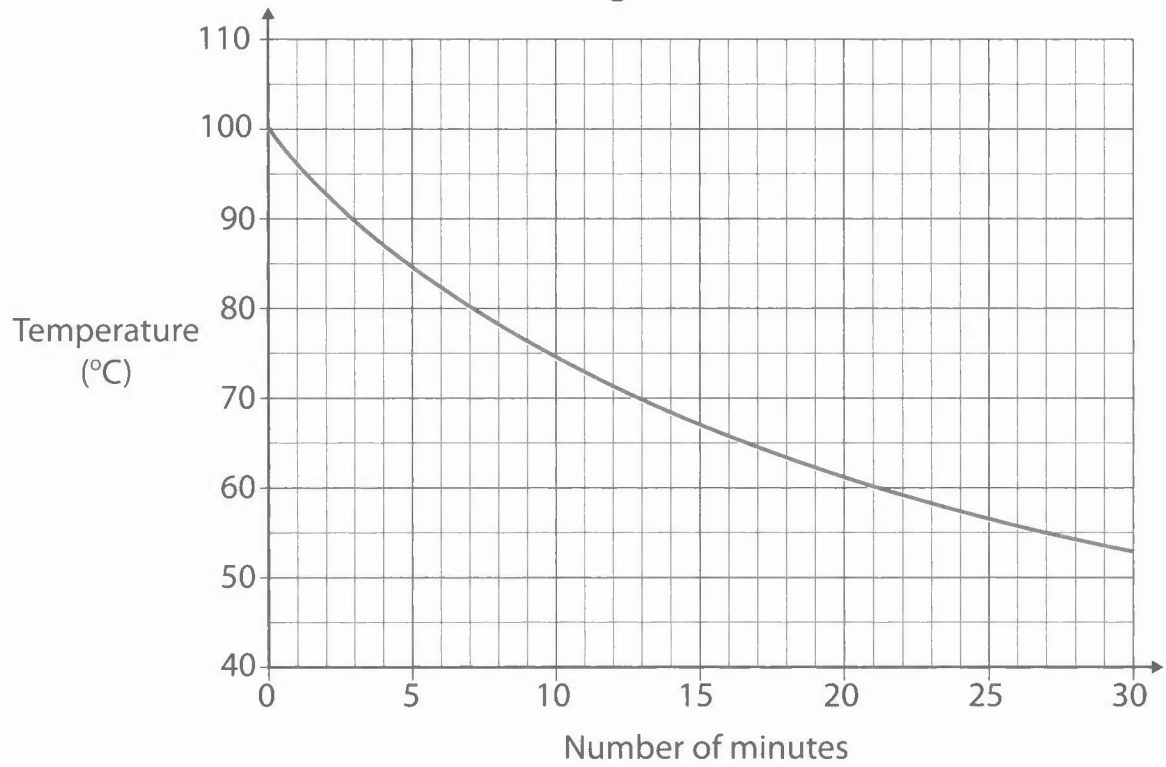
10

1.5 kilograms = grams



11

Cooling curve for water



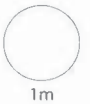
At the start the temperature is 100°C .

It takes

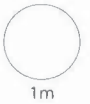
minutes to fall to 80°C .

Then it takes **another**

minutes to fall to 60°C .



1m

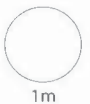


1m

12

What is one hundred multiplied by one hundred?

Write your answer in **words**.



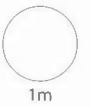
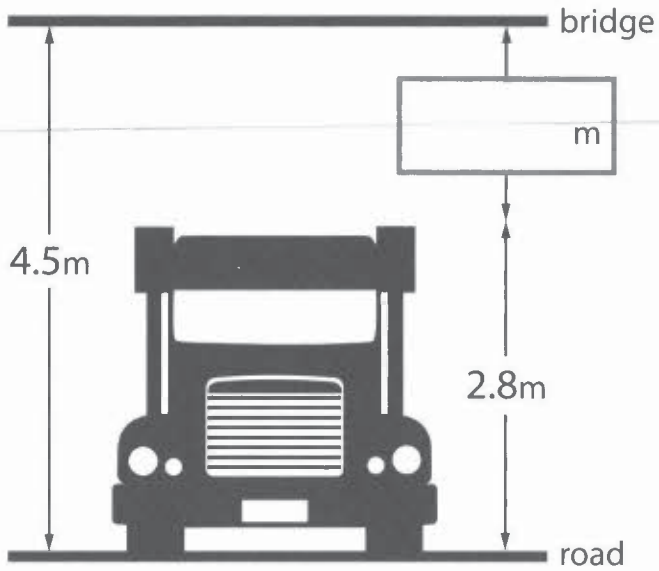
1m

TOTAL



7m

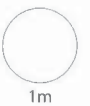
13 Write the missing height.



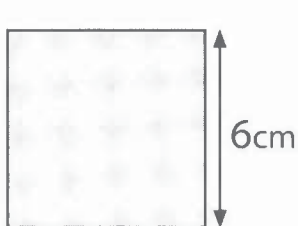
14 Here is part of a recipe for making bread:

use brown flour and white flour in the ratio 1 : 3

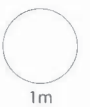
What **fraction** of the total flour is **brown** flour?



15 Work out the **perimeter** of the square.



Not drawn accurately



16 Multiply 178 by 32



2m

17 Round 13.679 to **one** decimal place.

1m

18 Watch films online for
£5.99 per month

To the **nearest £**, how much does this cost per year?

£

1m

19



Cost to borrow money:
pay 2% interest each month

Ffion borrows £300 for one month.

How much interest must she pay?

£

1m

20

98 50 21 = 4879

Use the information in the box to work out the missing symbols below.

Choose from these symbols: + , - , × and ÷

98 = (4879 21) 50

1m

21



Cakes:

260g of flour makes 16 cakes

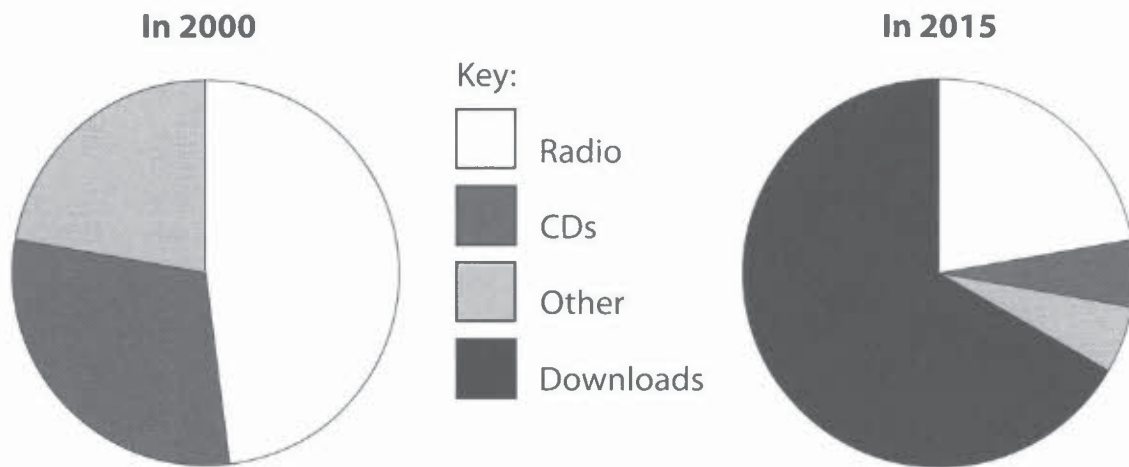
To the **nearest ten**, how many cakes can be made with 1kg of flour?

cakes

1m

22

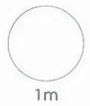
The same people were asked in 2000 and 2015 about their favourite ways to listen to music.



Write the missing **fraction** below.

In 2000 about $\frac{1}{2}$ of the people said 'radio'.

In 2015 about of the people said 'downloads'.



23

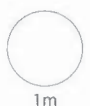
Emily runs 1km races.

Her best time in minutes, seconds and hundredths of seconds is 04:32:01

In her next race Emily is **three-hundredths** of a second **faster**.

What is her new best time?

: :



TOTAL



24 Work out 35% of 160



2m

25 Cost of gas: 4.54 pence for each unit (kWh) used

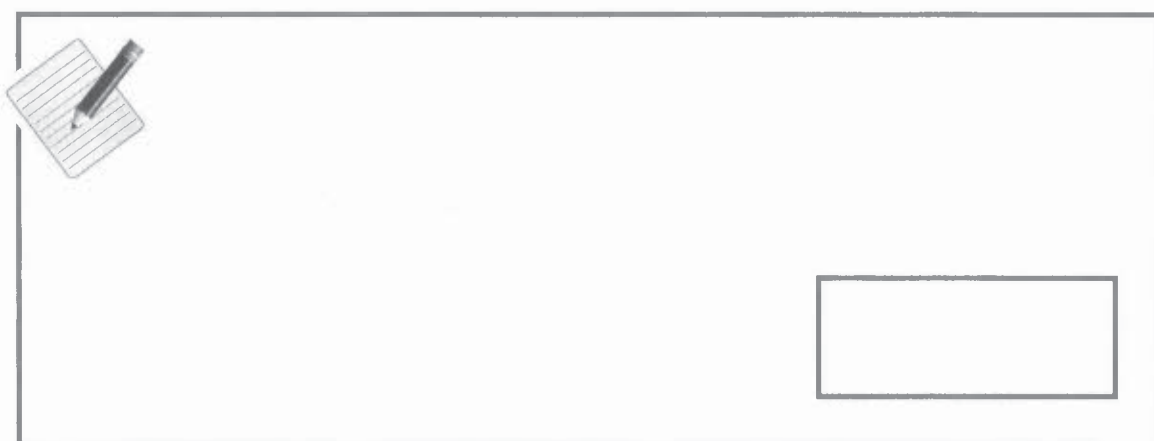
Mr Garside uses 10 000 units in one year.

What is the total cost?

£

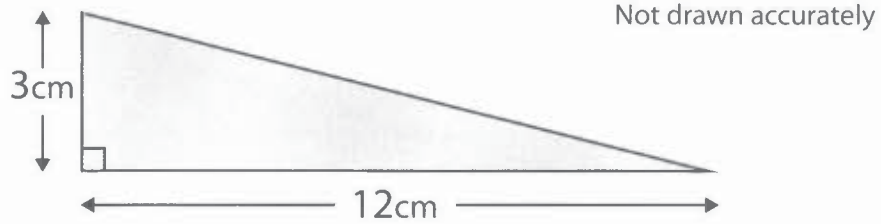
1m

26 Work out $\frac{40^2 - 20^2}{10^2}$

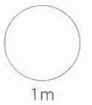


2m

27 Work out the area of the triangle.



cm²



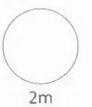
28



The mean height of four children is 85cm.

The mean height of the teacher **and** the four children is 100cm.

What is the height of the teacher?



TOTAL



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