PROCEDURAL

8EP14

First name _____

Last name _____

School _____

Class _____

Date of birth ◯◯ ◯◯ ◯◯◯◯

Date of test ◯◯ ⓪⑤ ②⓪①④

Total score ◯ (maximum 36)

Llywodraeth Cymru
Welsh Government

1

$$18 \times (4 + 6) = \boxed{}$$

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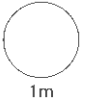
2) Add 1.95 to 19

$$\boxed{}$$
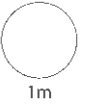
Subtract 1.95 from 19

$$\boxed{}$$

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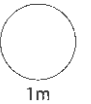
3 Some children got these scores in a spelling test.

6	8	6	5	9	8
7	4	8	4	10	

Which score is the **mode**?

$$\boxed{}$$
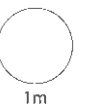
4 Write a **square root** of 16

5 £1 = 8.8 Danish kroner, so £5 = ⬚ Danish kroner

1m
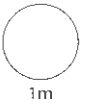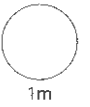
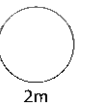**6** $3\frac{1}{4}$ minutes = ⬚ minutes and ⬚ seconds
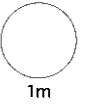
1m

7

> Cost of a mobile phone:
>
> £4.99 each month for the first **six** months,
>
> then £19.79 each month

Estimate, to the nearest £10, the total cost of a mobile phone for the first **year**.
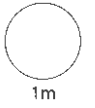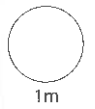
£ ⬚

2m

TOTAL

9m

3

8 What is $33\frac{1}{3}$ % of £600?

£

9

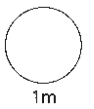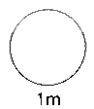$10 \times 0.25 - 8 \times 0.25 =$

10

Cereal

60p per 100g

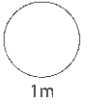What does a 350g box of cereal cost?

£

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11 Write $\frac{42}{70}$ as simply as possible.

(12)

$8\frac{1}{5}$ km = [ ] metres

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(13) What percentage of 350 is 35?

[ ] %

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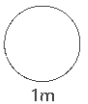
(14) Train timetable:

Cardiff Central	09:21	11:21	13:21	15:21	17:21
Hereford	10:28	12:28	14:26	16:27	18:27
Shrewsbury	11:24	13:24	15:24	17:24	19:24
Chester	12:23	14:23	16:26	18:26	20:32

Marc wants to travel from **Cardiff Central** to **Chester.**

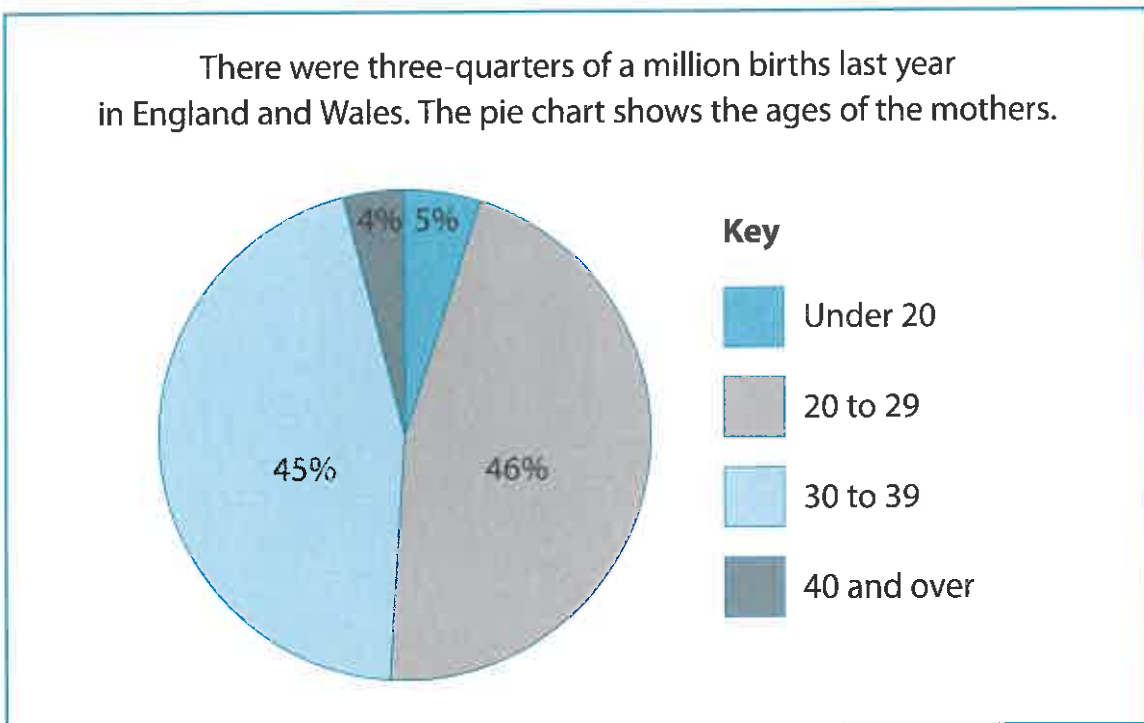How much longer does the 17:21 train take than the 13:21 train?

[ ] minutes

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(15)

2.7 ÷ 3 = [ ]

5

TOTAL

8m

16 What is 5 cubed?

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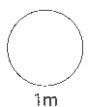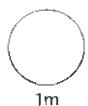
17 Mari finds this information.

> There were three-quarters of a million births last year
> in England and Wales. The pie chart shows the ages of the mothers.

4% 5%

45% 46%

Key

■ Under 20

■ 20 to 29

■ 30 to 39

■ 40 and over

Work out the number of births for mothers aged **under 20**

births

18 Megan and Nia share some money in the ratio 3 : 2

Megan has £24

Nia has | £ |

Gethin and Ed share some money in the ratio 1 : 4

Gethin has £35

How much do they have altogether? | £ |

- -
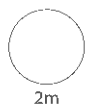
19 Flight from Cardiff   departs   09:25 (UK time)

to Barbados   arrives   13:55 (Barbados time)

Barbados is 4 hours **behind** the time in the UK.
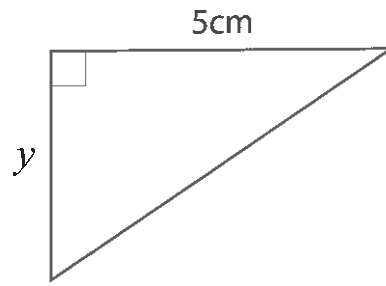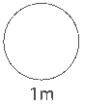
How long is the flight?

hours and   minutes
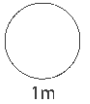
20 The **area** of this triangle is 10cm²

5cm

y

What is length y?

cm

21

$$0.1 \quad \times \quad 0.1 \quad =$$

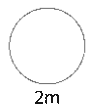**22** Joe is a gardener.

His hourly rate was £8

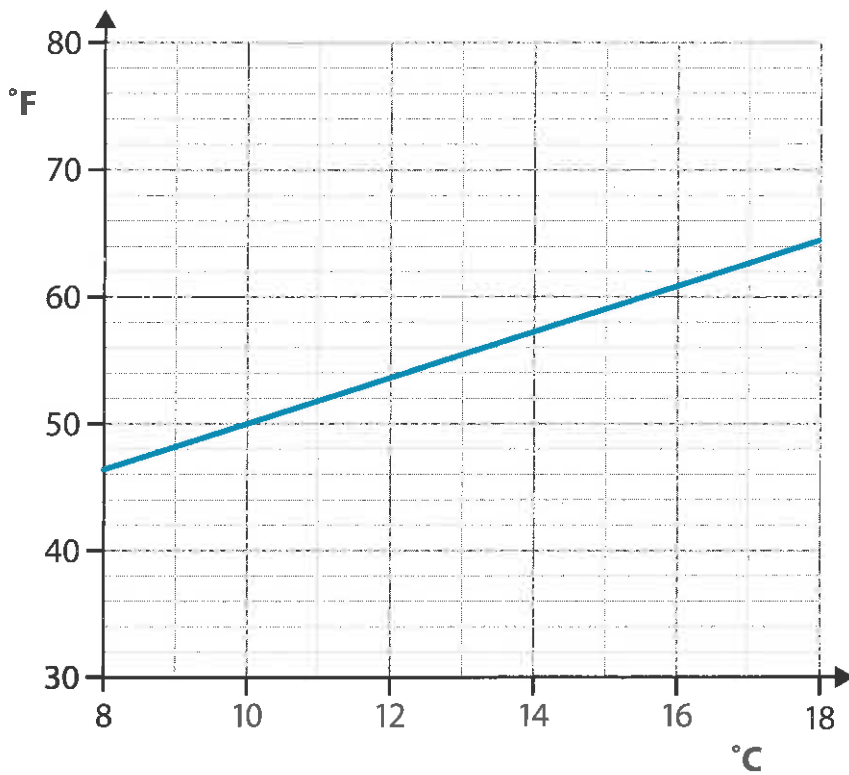He increased his hourly rate by 10%

Then he increased it by 10% again.

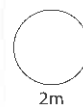What is his hourly rate after that?
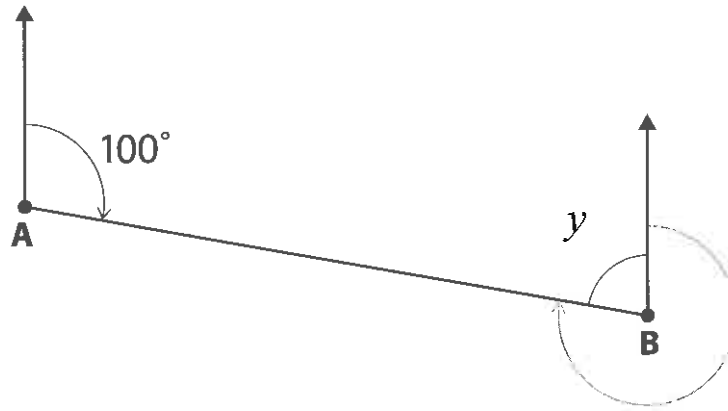
£

Changing between °C and °F

Information about one day in Wales:

the **mean** temperature was [11°C] with a **range** of [4°C]

the **mean** temperature was [°F] with a **range** of [°F]

2m

TOTAL

6m

24

The bearing of B from A is 100°

Circle the value of angle y

60°   70°   80°   100°

○ 1m
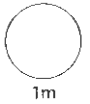
What is the bearing of A from B?

┌─────────────────┐
│   ° │
└─────────────────┘

○ 1m

- -
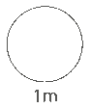
25 Round 4519 to **one** significant figure.

┌─────────────────┐
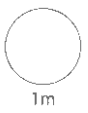│   │
└─────────────────┘

○ 1m
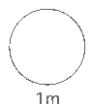
26 Alys thinks of a number.

$\frac{1}{10}$ of her number is 18

What is $\frac{1}{5}$ of her number?

27

Number of children in each family	Frequency
1	6
2	10
3	5
4	3
5	1

What is the total number of children in these families?

children

TOTAL

6m