

Monday 6th July 2020

L.O. – To complete tasks about your Theme Park.

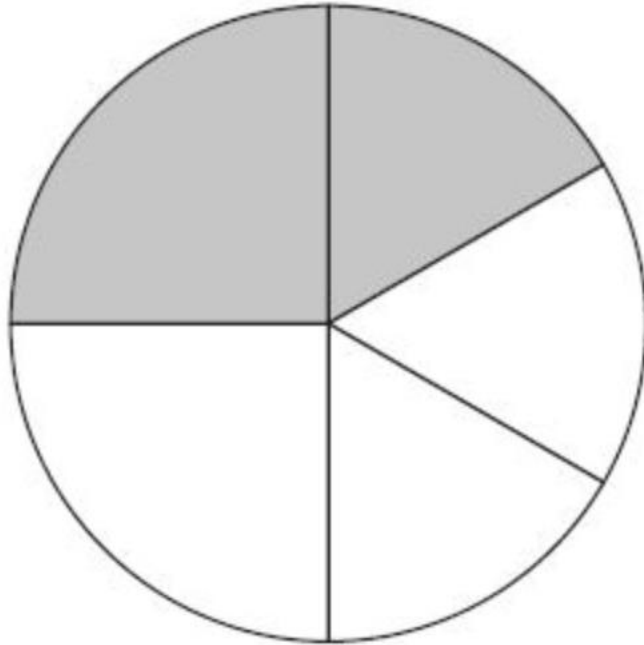
For the rest of the maths for this year we will be focusing our attention around a Theme Park. This is the Theme Park that you will be running. There are 20 tasks that need to be completed. Some days you will complete one task and others you may finish more. It is up to you.

Please double check (and even triple check, if you need to) your answers to ensure that you have calculated your answers correctly.

Have fun with this huge investigation it's the last maths you'll be doing at Wembley Primary School!

Problems of the day.

In this circle, $\frac{1}{4}$ and $\frac{1}{6}$ are shaded.



What fraction of the whole circle is **not** shaded?

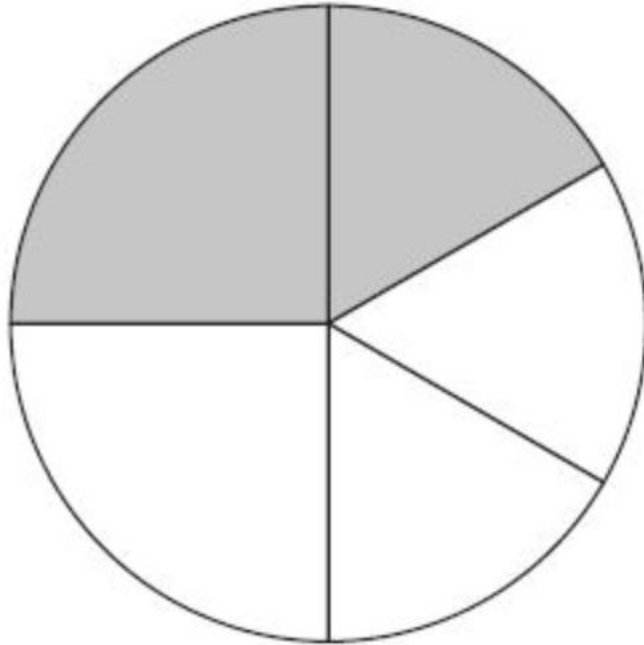
The sum of the digits in a 2-digit number is 13.
The number is a multiple of 4.

What is the number?

Problems of the day.

In this circle, $\frac{1}{4}$ and $\frac{1}{6}$ are shaded.

$$\frac{7}{12}$$



What fraction of the whole circle is **not** shaded?

The sum of the digits in a 2-digit number is 13.
The number is a multiple of 4.

What is the number?

76

Tasks

Complete –

- One or more tasks within your Theme Park booklet.

If you have any misunderstandings then please head to Education City or email the school on –

learning@wembleyprimary.brent.sch.uk

Tuesday 7th July 2020

L.O. - To complete tasks about your Theme Park.

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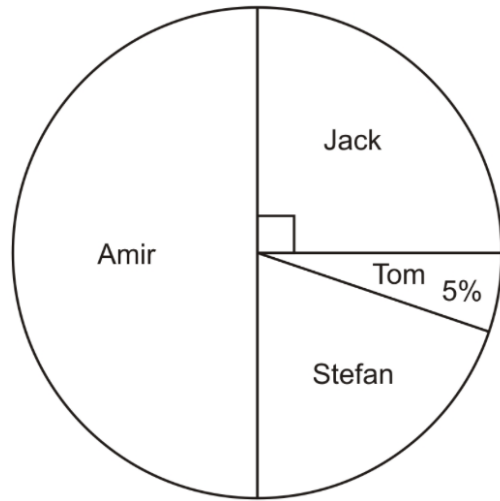
Please double check (and even triple check, if you need to) your answers to ensure that you have calculated your answers correctly.

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Problems of the day.

40 children predicted who would win the boys' race at sports day.

This pie chart shows their predictions.



$$\frac{3}{\square} + \frac{\square}{\square} = 1\frac{1}{4}$$

The two fractions that are being added are proper fractions.

Level 1: I can find a way

Level 2: I can find three ways

What percentage of the children predicted that Stefan would win?

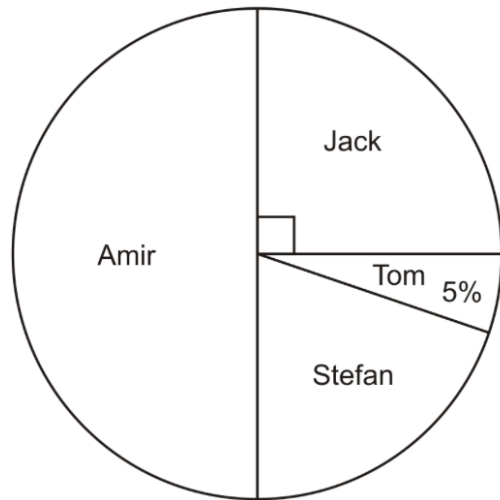
10 children predicted the winner of the race **correctly**.

Who won the race?

Problems of the day.

40 children predicted who would win the boys' race at sports day.

This pie chart shows their predictions.



What percentage of the children predicted that Stefan would win?

20 %

10 children predicted the winner of the race **correctly**.

Who won the race?

Jack

$$\frac{3}{\square} + \frac{\square}{\square} = 1\frac{1}{4}$$

The two fractions that are being added are proper fractions.

Level 1: I can find a way

Level 2: I can find three ways

$$\frac{3}{4} + \frac{1}{2} = 1\frac{1}{4}$$

or

$$\frac{3}{6} + \frac{3}{4} = 1\frac{1}{4}$$

or

$$\frac{3}{8} + \frac{7}{8} = 1\frac{1}{4}$$

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Wednesday 8th July 2020

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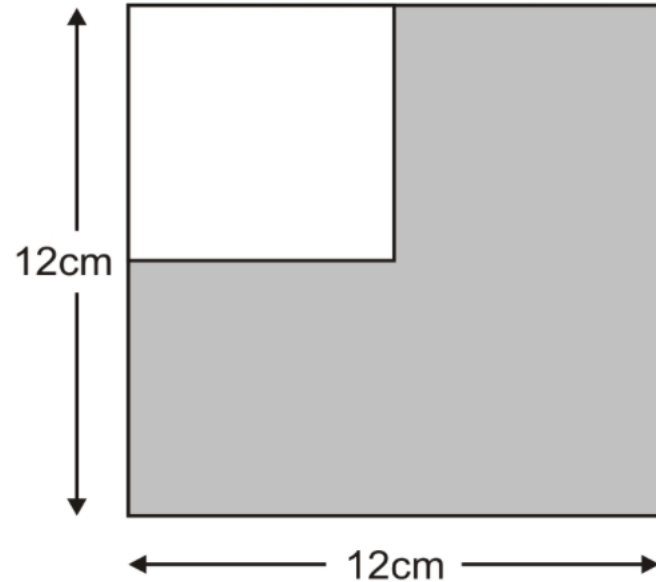
Please double check (and even triple check, if you need to) your answers to ensure that you have calculated your answers correctly.

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Problems of the day.

A white square is painted in one corner of a grey square.

Each side of the white square is **half** the length of a side of the grey square.



Not actual size

What is the **area** of the grey section?

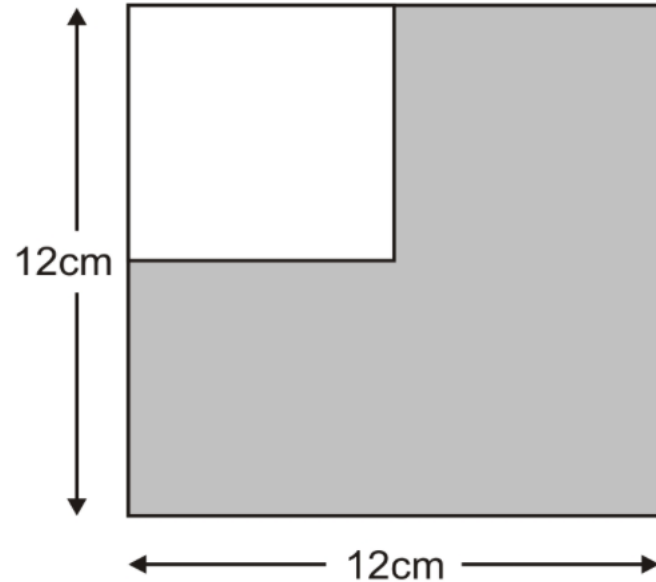
How many fractions can be made that are more than 0.5 and less than 0.8 using two of these digits?

2, 3, 4, 5

Problems of the day.

A white square is painted in one corner of a grey square.

Each side of the white square is **half** the length of a side of the grey square.



Not actual size

What is the **area** of the grey section? **108cm**

$\frac{2}{3}$	$\frac{3}{4}$	$\frac{3}{5}$
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How many fractions can be made that are more than 0.5 and less than 0.8 using two of these digits?

2, 3, 4, 5

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Thursday 9th July 2020

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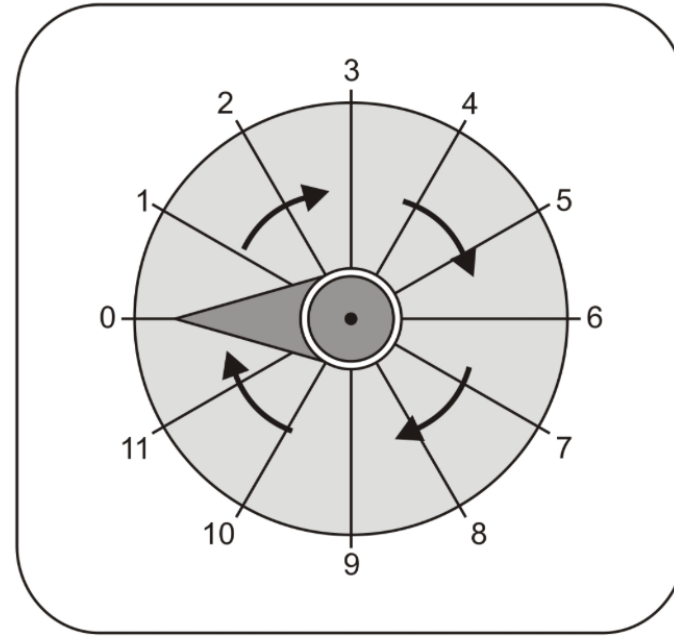
Please double check (and even triple check, if you need to) your answers to ensure that you have calculated your answers correctly.

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Problems of the day.

A golf ball and a tennis ball weigh 104g in total.
A tennis ball and a cricket ball weigh 218g in total.
A tennis ball, a golf ball and a cricket ball weigh 264g in total.
How heavy is a cricket ball?

Here is a dial.



The pointer on this dial turns in a **clockwise** direction.
The pointer is at **0**.

Which **number** does it point to after a turn of **270°**?

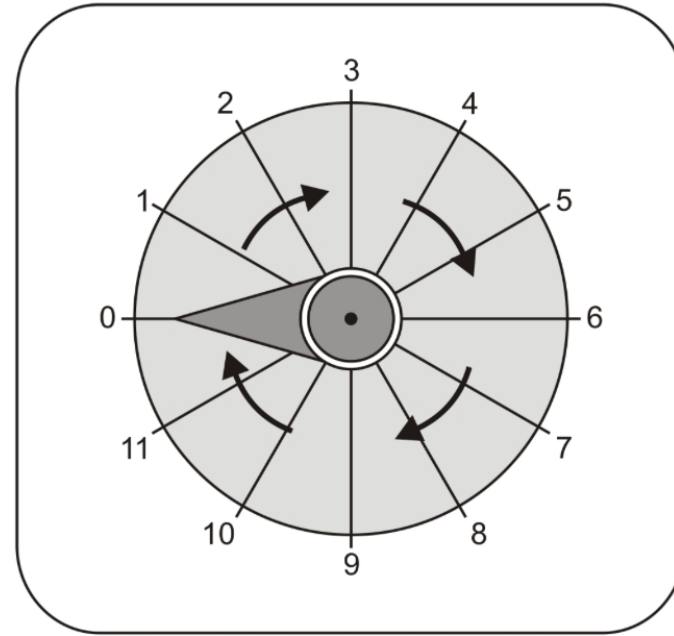
How many **degrees** does it turn through?

Problems of the day.

A golf ball and a tennis ball weigh 104g in total.
A tennis ball and a cricket ball weigh 218g in total.
A tennis ball, a golf ball and a cricket ball weigh 264g in total.
How heavy is a cricket ball?

160g = Cricket Ball

Here is a dial.



The pointer on this dial turns in a **clockwise** direction.
The pointer is at **0**.

Which **number** does it point to after a turn of **270°**?

9

The pointer moves from **10** to **11**
How many **degrees** does it turn through?

30

Tasks

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Friday 10th July 2020

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Problems of the day.

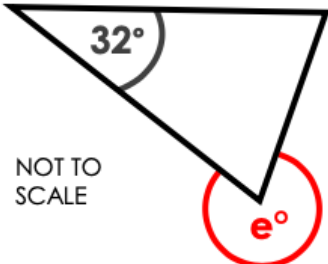
In a survey of how children travel to school, these were the results.

Transport	Walk	Cycle	Bus	Car
Percentage of children	25%	10%	45%	20%

Abby wants to make a pie chart to show the results.

Complete the table to show the angles of each section of the pie chart.

Transport	Walk	Cycle	Bus	Car
Percentage of children	25%	10%	45%	20%
Angle on pie chart	90°			



NOT TO SCALE

This is an isosceles triangle.

What is the size of angle e?

Problems of the day.

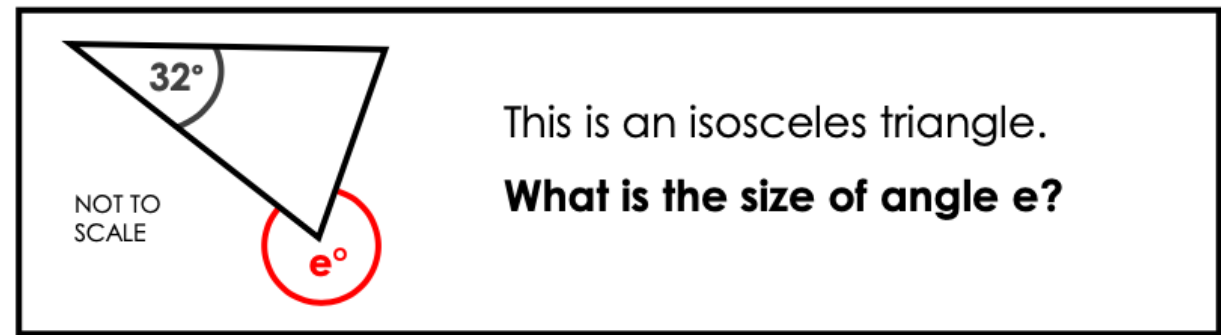
In a survey of how children travel to school, these were the results.

Transport	Walk	Cycle	Bus	Car
Percentage of children	25%	10%	45%	20%

Abby wants to make a pie chart to show the results.

Complete the table to show the angles of each section of the pie chart.

Transport	Walk	Cycle	Bus	Car
Percentage of children	25%	10%	45%	20%
Angle on pie chart	90°	36	162	72



286 Degrees

Tasks

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