Easter Measurement Maths

The Easter Bunny travels 12.3km around Twinklford and hides eggs for all the children to find.

I have travelled 1230m around Twinklford.

Is the Easter Bunny correct? Explain your answer.

The next village is Lower Twinklton. The Easter Bunny has now travelled 20.2km in total.

How far did the Easter Bunny travel around Lower Twinklton? Explain your calculation.
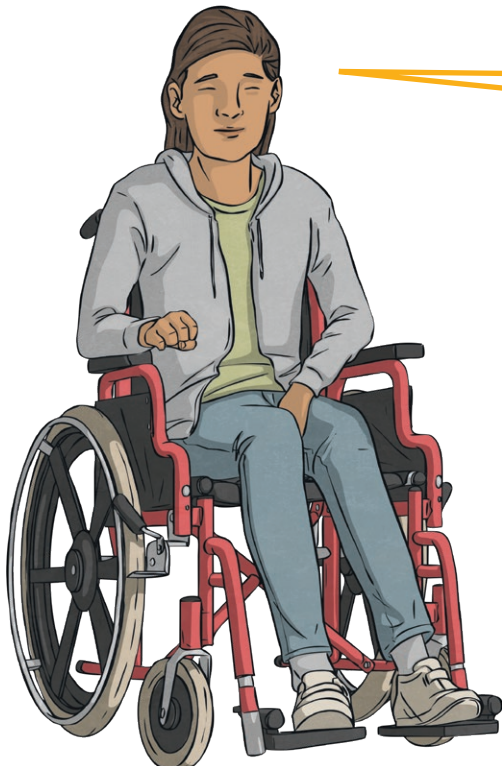
8.1km ☐   7.9km ☐   8.01km ☐

Easter Measurement Maths

Irena gives up playing on her games console for Lent. She usually plays on it for 3 hours a day.

Lent is 40 days long.

Over Lent, I will have 150 hours to do something new rather than playing on my game.

Is Irena correct? Explain your answer.

Irena is allowed to use her console for half an hour each day to play maths games on Twinkl Go. Which calculations show how many minutes she can spend on Twinkl Go over Lent in total? Explain your reasoning.

$\frac{1}{2} \times 40$ ☐ 50×40 ☐ 30×40 ☐ $\frac{1}{2} \times 30$ ☐ $\frac{1}{2} \times 60 \times 40$ ☐
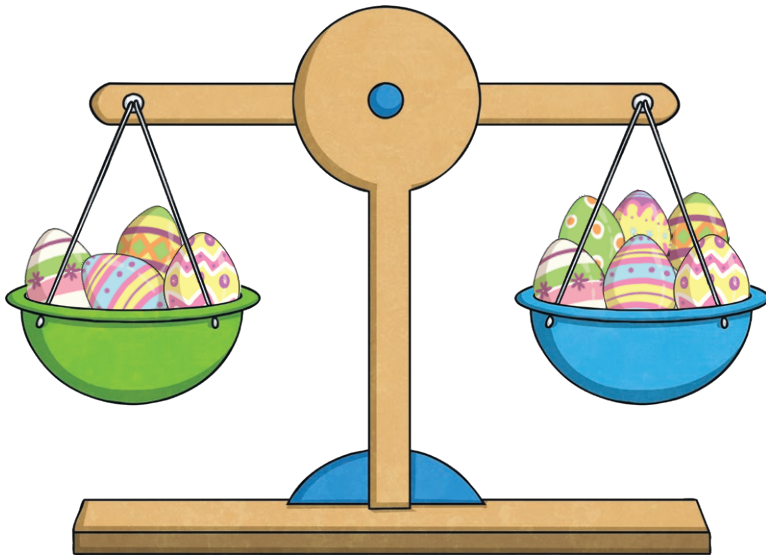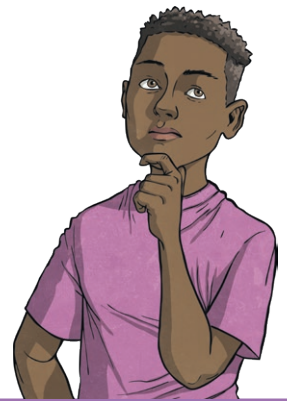
Easter Measurement Maths

Arabella knows that each egg in the green pan has a mass of 30 grams.

Jonah draws a diagram to show how they can calculate the mass of each egg in the blue pan.

How should Jonah use his diagram to calculate the mass of one egg?

30		30		30		30	
?	?	?	?	?	?

Easter Measurement Maths

Dara is planning a virtual Easter egg hunt game to raise money for charity. She plans on selling each grid square and then revealing which squares had Easter eggs hidden in them.

She has designed a map like the one below.

Dara wants to collect at least £15. What is the minimum amount she should sell each square for?

75p £1 £1.25 50p £2
☐   ☐   ☐   ☐   ☐

Easter Measurement Maths

At the community centre, there were many activities planned for the Easter holidays.

Event	Start	End
Easter pop-up card craft	10:30	11:45
Bonnet making	12:00	14:15
Baking	12:00	13:15
Egg decorating	19:40	21:05
Making Easter egg baskets	05:15	06:10
Easter bonnet parade	10:30	12:05
Easter egg hunt	14:25	16:00

Sebastian thinks that there are two events that last more than 90 minutes. Is he correct?

Easter Measurement Maths

On Maundy Thursday, The Queen visits one of the UK's cathedrals and presents purses of money to a number of local pensioners. The number of purses given is based on the number of years that The Queen has lived. For example, when The Queen turned 80, she gave 80 men and 80 women Maundy money.

In April 1974, The Queen gave out 94 purses to an equal number of men and women.

Charlie says, "The Queen must have been 47 years old that year." Is he correct? Explain your answer.

In what year would The Queen have given out 100 purses in total?

If a person receives four special Maundy coins and £5.50 in UK coins, what is the smallest number of coins that person could have received?

Easter Measurement Maths **Answers**

The Easter Bunny travels 12.3km around Twinklford and hides eggs for all the children to find. The Easter Bunny says, "I have travelled 1230m around Twinklford."

Is the Easter Bunny correct? Explain your answer.
The Easter Bunny is not correct. 12.3km is 12 300m as there are 1000m in 1km.

The next village is Lower Twinklton. The Easter Bunny has now travelled 20.2km in total. How far did the Easter Bunny travel around Lower Twinklton? Explain your calculation.

8.1km	**7.9km**	8.01km
☐	✔	☐

Accept any correct explanation.

Irena gives up playing on her games console for Lent. She usually plays on it for 3 hours a day. Lent is 40 days long. Irena says, "Over Lent, I will have 150 hours to do something new rather than playing on my game."

Is Irena correct? Explain your answer.
Irena is not correct. 3 × 40 = 120
She will have 120 hours to try something new.

Irena is allowed to use her console for half an hour each day to play maths games on Twinkl Go. Which calculations show how many minutes she can spend on Twinkl Go over Lent in total? Explain your reasoning.
Accept any correct explanation.

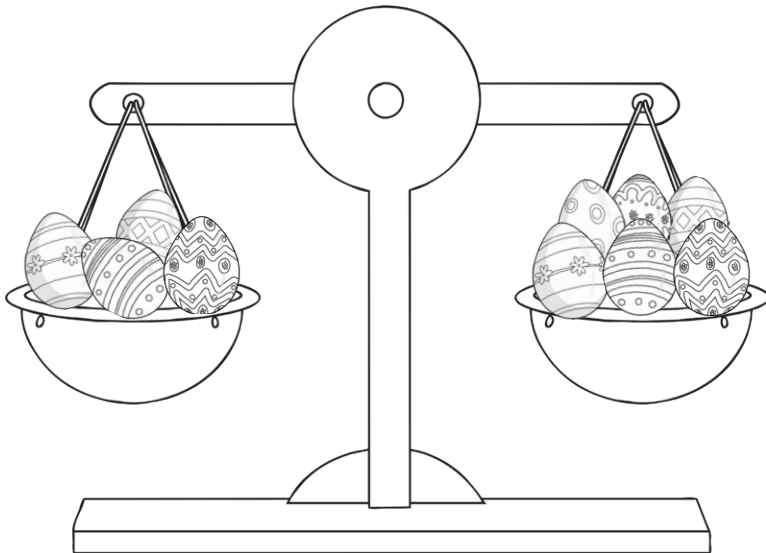| $\frac{1}{2}$ × 40	50 × 40	30 × 40	$\frac{1}{2}$ × 30	$\frac{1}{2}$ × 60 × 40
✔	☐	✔	☐	✔

Arabella knows that each egg in the green pan has a mass of 30 grams.

Jonah draws a diagram to show how they can calculate the mass of each egg in the blue pan.

How should Jonah use his diagram to calculate the mass of one egg?
The total mass of the 4 eggs in the green pan is 120g. The mass of the eggs in the blue pan must be the same. 120 ÷ 6 = 20

Each egg in the blue pan is 20g.

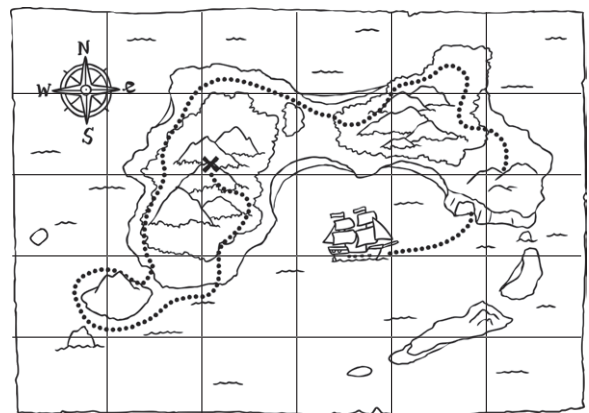| 30		30		30		30	
20	**20**	**20**	**20**	**20**	**20**		

Dara is planning a virtual Easter egg hunt game to raise money for charity. She plans on selling each grid square and then revealing which squares had Easter eggs hidden in them.

She has designed a map like the one below.

Dara wants to collect at least £15. What is the minimum amount she should sell each square for?

75p	£1	£1.25	**50p**	£2
☐	☐	☐	✓	☐

At the community centre, there were many activities planned for the Easter holidays.

Event	Start	End
Easter pop-up card craft	10:30	11:45
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Egg decorating	19:40	21:05
Making Easter egg baskets	05:15	06:10
Easter bonnet parade	10:30	12:05
Easter egg hunt	14:25	16:00

Sebastian thinks that there are two events that last more than 90 minutes.
Is he correct?
Yes, the Easter egg hunt and the bonnet making both last more than 90 minutes.

On Maundy Thursday, The Queen visits one of the UK's cathedrals and presents purses of money to a number of local pensioners. The number of purses given is based on the number of years that The Queen has lived. For example, when The Queen turned 80, she gave 80 men and 80 women Maundy money.

In April 1974, The Queen gave out 94 purses to an equal number of men and women.

Charlie says, "The Queen must have been 47 years old that year." Is he correct? Explain your answer.
He is correct because half of 94 is 47.

In what year would The Queen have given out 100 purses in total?
1977
47 + 3 = 50 so 1974 + 3 = 1977

If a person receives four special Maundy coins and £5.50 in UK coins, what is the smallest number of coins that person could have received?
8 coins - £2, £2, £1, 50p and the four Maundy coins