Thursday 16th July 2020

Please refer to Monday's power point for the 'everyday' activities.

Maths !

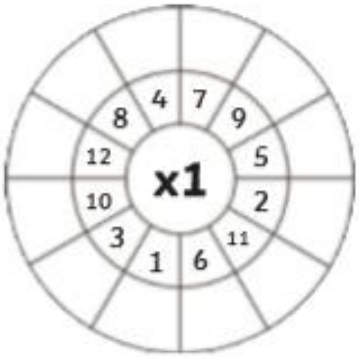
- **As it is the last week of term the Mental Arithmetic consists of activities that are fun, but also use Maths.**
- **Grown ups** – one or two of the lessons have a video this week.
- **Children** – we've got a bit of length and capacity to finish off and then a couple of multi skills activities too.
- **Don't forget to check your work – I love a bit of green and pink marking!**

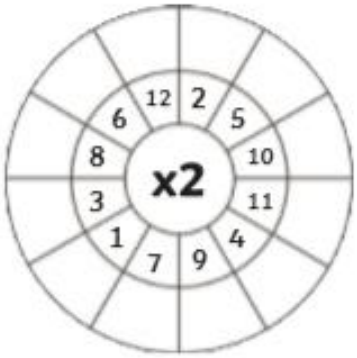
- **Maths this week**
- Monday – measuring length accurately
- Tuesday – capacity
- Wednesday and Thursday – multi skill activities
- Friday – challenge time.

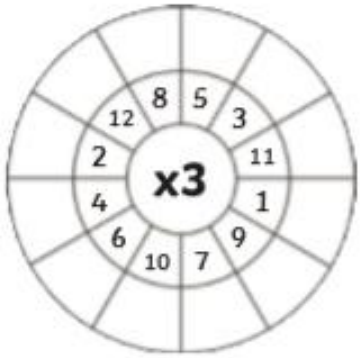
Have a go at these multiplication wheels, you can just do 2,3,4,5,8 and 10 x or have a go at the whole lot.

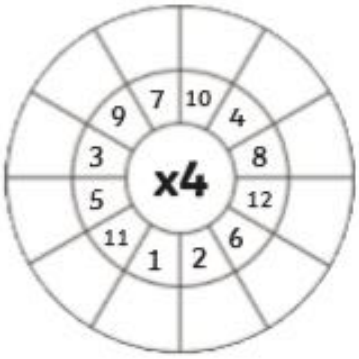
Multiplication Wheels

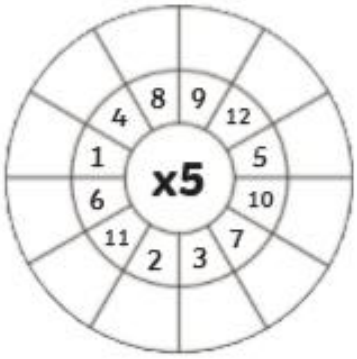
Multiply the numbers by the middle number.

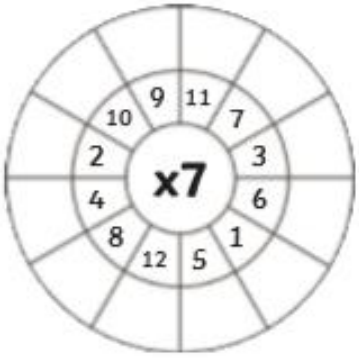


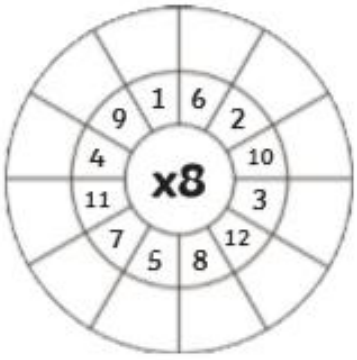


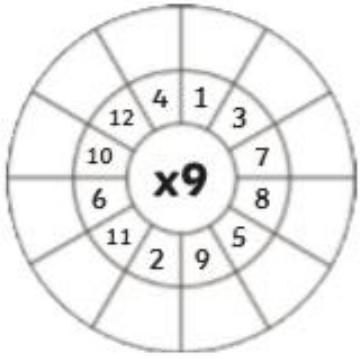


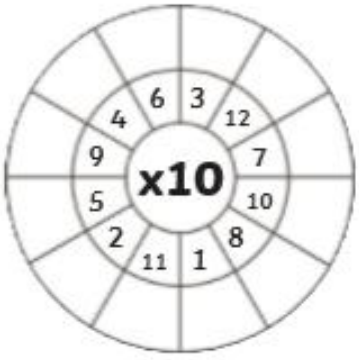


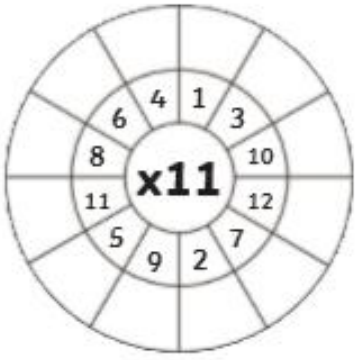


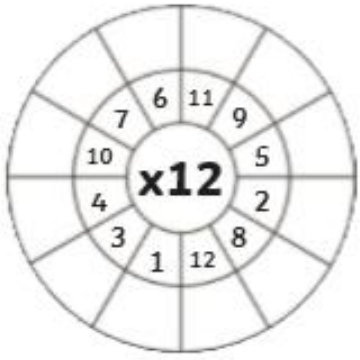






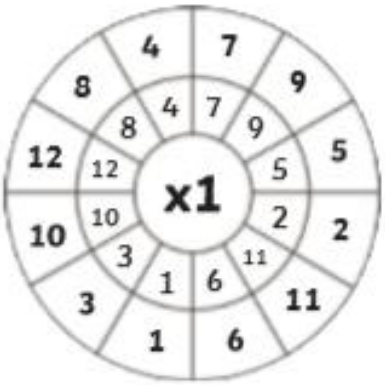


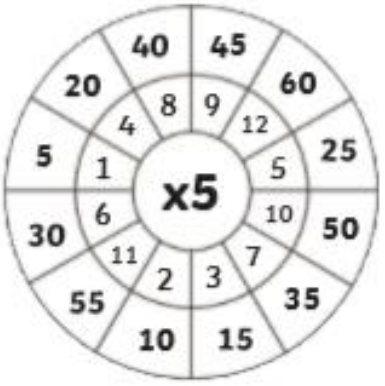


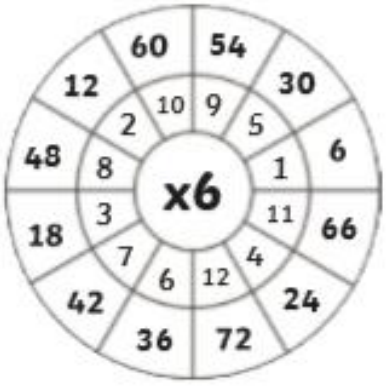


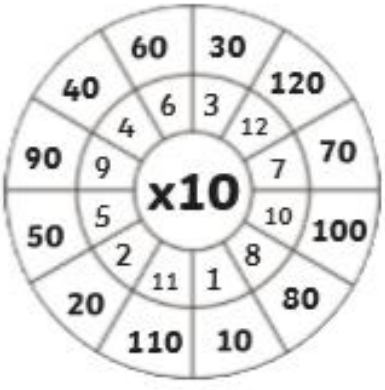
Multiplication Wheels **Answers**

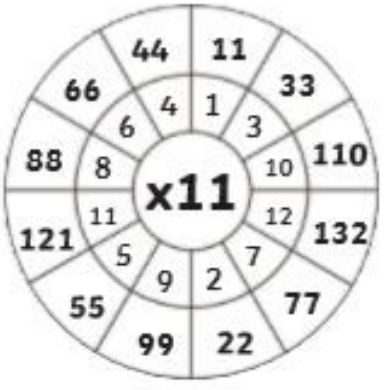
Multiply the numbers by the middle number.









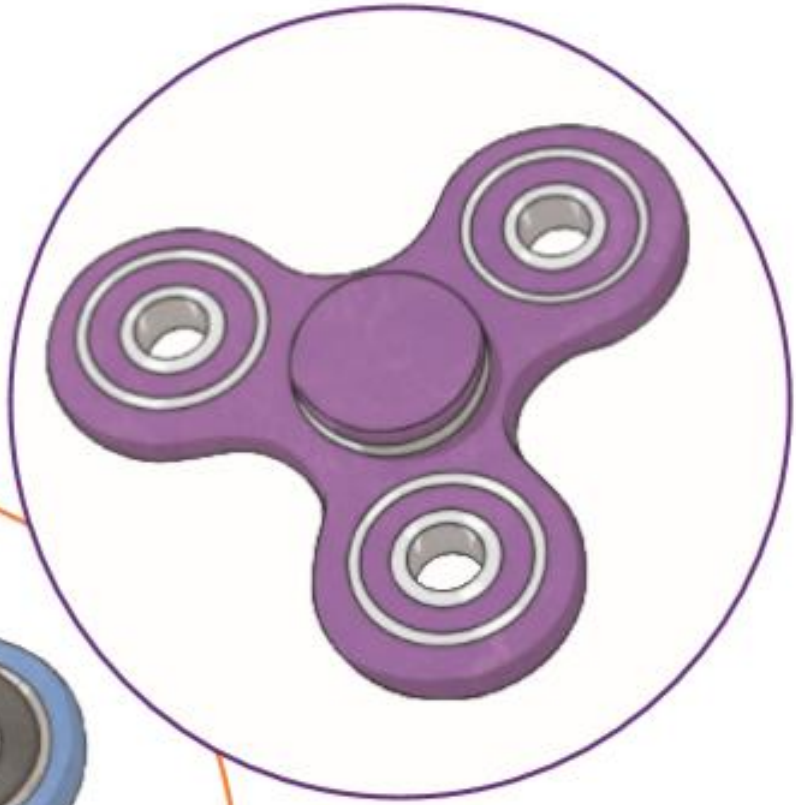


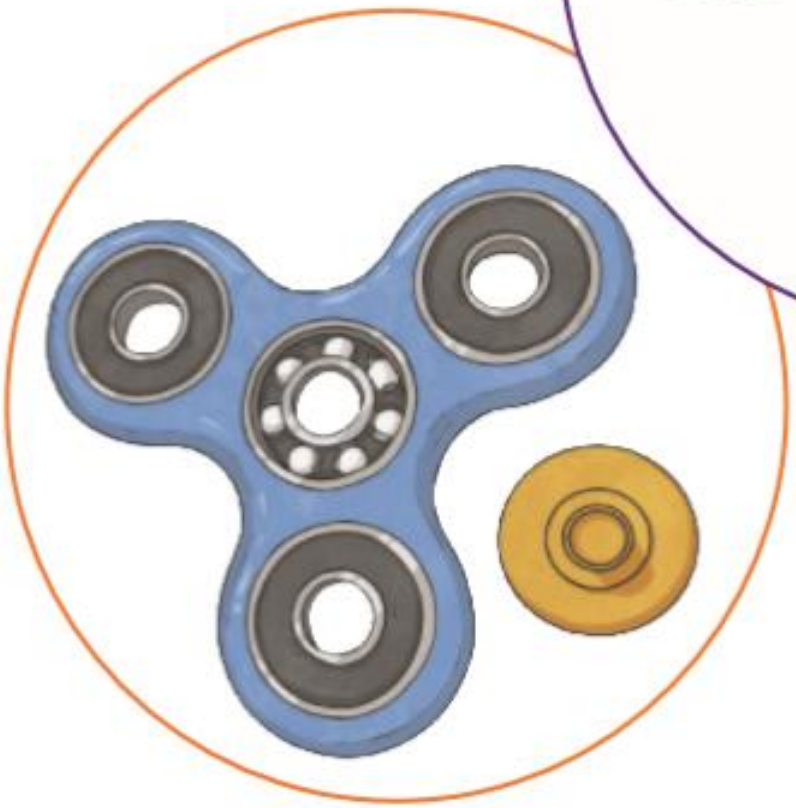
The Fidget Spinner Mystery at Littlesville Primary School

The children of Littlesville Primary School are thoroughly obsessed with fidget spinners. They just can't get enough of those whirring, whizzing, fidget spinners!

The spinners belonging to year 5 have been mysteriously dumped in a tub of paint, put in the school shed and left to dry so they no longer spin! But who put them there? Who sabotaged the spinners? A mixture of staff and pupils are in the frame.

The mystery begins here! It's up to you as Chief Inspector to piece together the clues and solve the dastardly crime.





Here's another mystery to solve. The numbers go over 1,000, but I'm sure you will be able to do the Maths.

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Name	Male or Female	Position in School	Favourite Drink	Favourite Chocolate Bar	Shoe Size
Miss May	F	teacher	coffee	Saturns	5
Daniel West	M	pupil	cola	Paradise	5
Kuba Bosko	M	pupil	lemonade	Peanut Bar	8
Lydia Holmes	F	pupil	cola	Peanut Bar	5
Mr Kratz	M	teacher	coffee	Dairy Chocs	12
Mrs André	F	teacher	tea	Saturns	7
Ranjit Chopra	M	pupil	lemonade	Paradise	10
Sudha Perera	M	teacher	coffee	Saturns	11
George Tailby	M	pupil	cola	Saturns	7
Mollie Langley	F	pupil	cola	Dairy Chocs	5
Mandeep Khalsa	M	pupil	tea	Paradise	7
Mr Mann	M	teacher	coffee	Peanut Bar	12
Mrs Jessop	F	teacher	tea	Dairy Chocs	5
Miss Ping	F	teacher	coffee	Peanut Bar	8
Mr Carol	M	teacher	coffee	Peanut Bar	12
Layla Wickers	F	pupil	lemonade	Paradise	8
Harry Edge	M	pupil	cola	Saturns	10
Iman Kang	M	pupil	cola	Dairy Chocs	11
Mrs Lovely	F	teacher	tea	Paradise	5
Mr Grange	M	teacher	coffee	Peanut Bar	12
Amelie Marek	F	pupil	cola	Dairy Chocs	8
Alina Sharif	F	pupil	cola	Paradise	7
Mr Kalsi	M	teacher	tea	Paradise	11
Miss Nowak	F	teacher	tea	Peanut Bar	8
Tracey Mears	F	pupil	lemonade	Saturns	5
Mr Gierak	M	teacher	coffee	Saturns	12
Mr Simpson	M	teacher	coffee	Peanut Bar	11
Mrs Clubb	F	teacher	lemonade	Dairy Chocs	8
Tess James	F	pupil	cola	Peanut Bar	7

Clue 1: The Price Is Right!

Find the answers to each of the three sets of fraction statements. Circle the answer in each set which will give you the most money. Then, find the answers in the table below. Finally, order the words to make a sentence to solve the first clue.

Set 1	¼ of £2 =	⅕ of £3 =	1/10 of £5 =
Set 2	5/9 of £2.70 =	4/5 of £1.50 =	3/10 of £3 =
Set 3	½ of £5 =	⅔ of £6 =	5/6 of £6 =
Set 4	3/7 of £3.50 =	5/6 of £3.30 =	1/6 of £3.60 =
Set 5	⅖ of £4 =	⅔ of £4.50 =	7/8 of £4 =

£2.10 pupil	£1.60 male	30p cola	£4 Peanut Bar
£2.50 female	60p is	£5 culprit	£2 favourite
£5.50 Saturns	20p Paradise	50p lemonade	£3.50 a
75p Dairy Chocs	£1.50 the	£3 coffee	£2.75 teacher

Answer to Clue 1:

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Clue 2: Correct or Not?

If there are more incorrect than correct, then the culprit is male.

121 ÷ 11 = 12	12 × 4 = 48	7 × 8 = 63	868 ÷ 4 = 212
54 ÷ 9 = 8	14 × 10 = 1400	34 ÷ 10 = 3.4	6 × 4 = 28
51 × 4 = 204	61 × 8 = 478	48 × 9 = 432	89 × 8 = 702

Answer to Clue 2:
Circle the correct answer.

The culprit is... male female

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Clue 3: How Many?

Complete the table about the properties of 3D shapes. Use the numbers you have added to crack the code below.

3D Shape	Number of Surfaces (both curved and flat surfaces)	Number of Vertices	Number of Edges
Cuboid	6		12
Square-based pyramid		5	8
Sphere	1		0
Triangular prism	5	6	
Cylinder	3	0	
Cone	2	0	
Tetrahedron		4	6
Pentagonal prism	7		15
Hexagonal prism	8	12	
Octagonal prism	10		24

2 to	3 Peanut Bar	5 discovered	7 size	9 was
11 bar	8 cup	6 shoe	0 the	12 chocolate
4 next	14 Dairy Chocs	1 coffee	13 found	17 tea
15 cola	18 paint	21 Paradise	10 tub	19 packet
20 mug	22 bottle	16 of	24 there	23 lemonade

Answer to Clue 3:

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Clue 4: Spell It Out!

a	b	c	d	e	f	g	h	i	j	k	l	m
1	2	3	4	5	6	7	8	9	10	11	12	13

n	o	p	q	r	s	t	u	v	w	x	y	z
14	15	16	17	18	19	20	21	22	23	24	25	26

Work out these equations, then reorder the letters to spell each word in the clue.

First word:	$\frac{1}{2}$ of 36, 2000 ÷ 100, 6 lots of 2, 7 × 3, 8 × 2, 30 ÷ 10, 3 × 3
Second word:	double five and add 1, 72 ÷ 8, 120 ÷ 10, 4 × 1.0, 500 ÷ 100.
Third word:	100 ÷ 5, 1/5 of 80, 1/9 of 45, 2/7 of 49, $\frac{1}{4}$ of 4, 1/5 of 105.
Fourth word:	1/5 of 90, 1/3 of 3, $\frac{1}{4}$ of 8, 6 × 3 then add 1

Answer to Clue 4:

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You might need a bit of help working out the time differences, you might want to use a number line to work out the differences.

Clue 5: Time Differences

Find the difference between these times. The answer that occurs the most frequently is the siz of footprint found in the paint near the dunked fidget spinners.

13: 26 and 13: 37 =	21: 54 and 22: 01 =	12: 03 and 13:00=
09: 05 and 09: 13 =	02:57 and 03: 08 =	01: 00 and 01:10 =
04: 52 and 05: 03 =	23: 50 and 00:00 =	15: 04 and 16:00 =
19: 57 and 20: 07 =	18: 57 and 19: 08 =	12: 56 and 01:13 =

Answer to Clue 5:

The footprint is size _____

The fidget spinner culprit is: _____

Answers

The Fidget Spinner Mystery at Littlesville Primary School **Answers**

Clue 1: The Price Is Right!

£2.10 pupil	£1.60 male	30p cola	£4 Peanut Bar
£2.50 female	**60p** is	**£5** culprit	£2 favourite
£5.50 Saturns	20p Paradise	50p lemonade	**£3.50** a
75p Dairy Chocs	**£1.50** the	£3 coffee	**£2.75** teacher

The culprit is a teacher.

Clue 2: Correct or Not?

121 ÷ 11 = **11**	12 × 4 = 48	7 × 8 = **56**	868 ÷ 4 = **217**
54 ÷ 9 = **6**	14 × 10 = **140**	34 ÷ 10 = 3.4	6 × 4 = **24**
51 × 4 = 204	61 × 8 = **488**	48 × 9 = 432	89 × 8 = **712**

The culprit is male.

Clue 3: How Many?

3D Shape	Number of Surfaces (both curved and flat surfaces)	Number of Vertices	Number of Edges
Cuboid	6	**8**	12
Square-based pyramid	**5**	5	8
Sphere	1	**0**	0
Triangular prism	5	6	**9**
Cylinder	3	0	**2**
Cone	2	0	**1**
Tetrahedron	**4**	4	6
Pentagonal prism	7	**10**	15
Hexagonal prism	8	12	**18**
Octagonal prism	10	**16**	24

2 **to**	3 Peanut Bar	5 **discovered**	7 size	9 **was**
11 bar	8 **cup**	6 shoe	0 **the**	12 chocolate
4 **next**	14 Dairy Chocs	1 **coffee**	13 found	17 tea
15 cola	18 **paint**	21 Paradise	10 **tub**	19 packet
20 mug	22 bottle	16 **of**	24 there	23 lemonade

Answer to Clue 3:

Coffee cup was discovered next to the tub of paint.

Clue 4: Spell It Out!

First word:	CULPRIT
Second word:	LIKED
Third word:	PEANUT
Fourth word:	BARS

Clue 5: Time Differences

The footprint size is 11.

The fidget spinner unspinning culprit is Mr Simpson.

Thursday 16th July: English

2 days until SUMMER !!

Today's story …

https://www.storylineonline.net/books/missing-carrot-cake/

Plural Packing

Granny French thought she was taking her darling granddaughter Farrah on holiday this year but she was wrong... Her grandson, Grumpy Gareth, is coming along too. Now she has to double all of her packing! Help Granny French by turning the word in brackets into its plural form. Don't forget your spelling rules to help you.

When Granny French went to pick up her granddaughter, she had a huge surprise; instead of one child to pack for, she now had two (child) _____ to pack for! Unfortunately for Granny French, Grumpy Gareth was coming too.

"Oh no!" thought Granny French. "That means I will need two (suitcase) _____ . We'll need to take twice as many (sock) _____ and pairs of (shoe) _____ . Farrah still only needs four (dress) _____ but Gareth will need three pairs of (trouser) _____ . What about sun cream? Now we'll need two (bottle) _____ . What if it isn't sunny? I'll have to pack another pair of (glove) _____ just in case. Oh, not to forget the (toiletry) _____ ! We'll need two (hairbrush) _____, three (toothbrush) _____ , another set of (towel) _____ and something to help with all of the (headache) _____ . As for bedtime, Gareth will want extra bedtime (story) _____ . Oh no, what will I do? What a mess we are in!"

Granny French gritted her teeth and drove to the airport. As they arrived, Granny French came up with a cunning plan.

"Whoops-a-daisy, silly me... I've forgotten the (passport) _____ " said Granny French, with a wry smile. "There's no way we'll make it all the way home and back again in time for the flight. Not to worry, dears, we'll just have to stay at home after all."

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Activity 2

Queen Summer

When Summer on the earth was queen

She loved to reign in gardens green

On the walls hung tapestries of leaves,

Where threads of gold the sun had weaved.

With criss-cross patterns on the floor,

Where velvet grass has been smoothed over.

Waving palm leaves the soft winds spread

Each way to cool Queen Summer's head:

The woodland dove made music soft,

Whilst bluebirds sang from roofs aloft.

1. In the poem, why does the wind wave the palm leaves?

_____

_____

2. Write two facts about the tapestries mentioned in the poem.

   1. _____

   2. _____

3. Which two types of bird are mentioned in the poem?

   1. _____

   2. _____

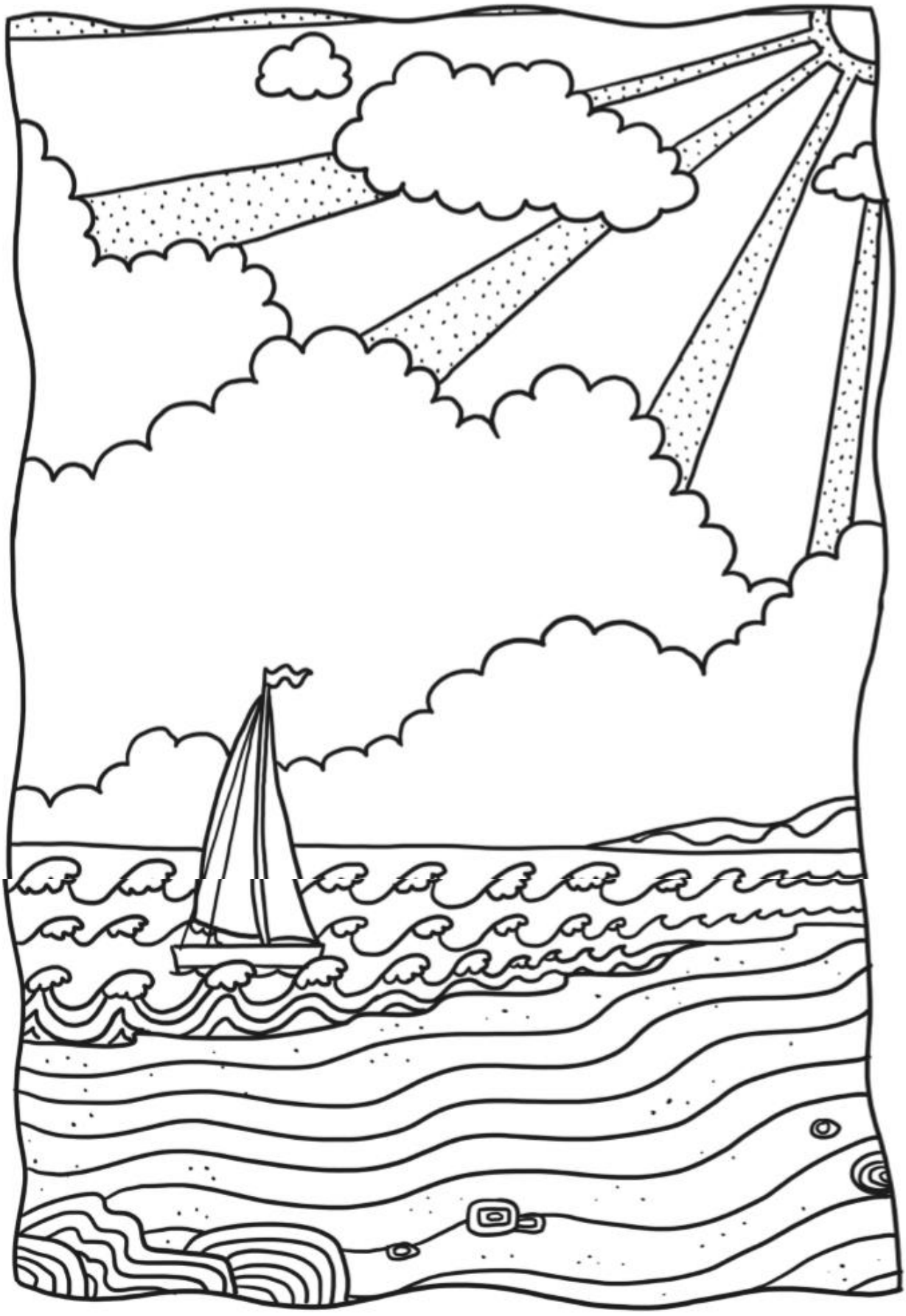
4. Do you think Queen Summer's palace was a nice place to be? Why?

_____

_____

_____

Activity 3



Answers

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"Oh no!" thought Granny French. "That means I will need two suitcases. We'll need to take twice as many socks and pairs of shoes. Farrah still only needs four dresses but Gareth will need three pairs of trousers. What about sun cream? Now we'll need two bottles. What if it isn't sunny? I'll have to pack another pair of gloves just in case. Oh, not to forget the toiletries! We'll need two hairbrushes, three toothbrushes, another set of towels and something to help with all of the headaches. As for bedtime, Gareth will want extra bedtime stories. Oh no, what will I do? What a mess we are in!"

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Queen Summer

1. In the poem, why does the wind wave the palm leaves?
   Accept variations on the following answer: In the poem, the wind waves the palm leaves to cool Queen Summer's head.
2. Write two facts about the tapestries mentioned in the poem.
   Accept two of the following facts:
   - **They were hung on the wall.**
   - **They were made from leaves.**
   - **They had golden threads.**
   - **The sun had weaved the golden threads.**
3. Which two types of bird are mentioned in the poem?
   Accept both of the following answers:
   - **dove**
   - **bluebird**
4. Do you think Queen Summer's palace was a nice place to be? Why?
   Accept either yes or no as an answer, providing that a relevant justification is provided to accompany the answer, e.g.
   - **Yes - because the description makes it sound beautiful.**
   - **Yes - because it is full of nature and sounds serene.**
   - **No - because it sounds noisy with all of the bird song.**
   - **No - because the flowers and plants may attract lots of insects.**