



YEAR 6

Homework

Week Beginning 29th June 2020

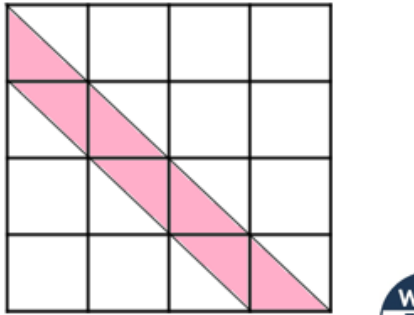
Maths

Monday

Circle all the fractions that are greater than 1 but less than 2

$$\frac{12}{5} \quad \frac{12}{6} \quad \frac{12}{7} \quad \frac{12}{8}$$

What fraction of this shape is shaded?



Marbles are put into bags of 10



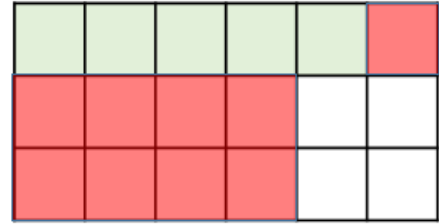
- 67 bags of marbles are packed.
- 3 more marbles are added to each bag.

How many marbles are there in total now?

Work out the missing digits.

$$\boxed{5} \times \boxed{} \times \boxed{} = 105$$

Lucy shades in part of a rectangle.

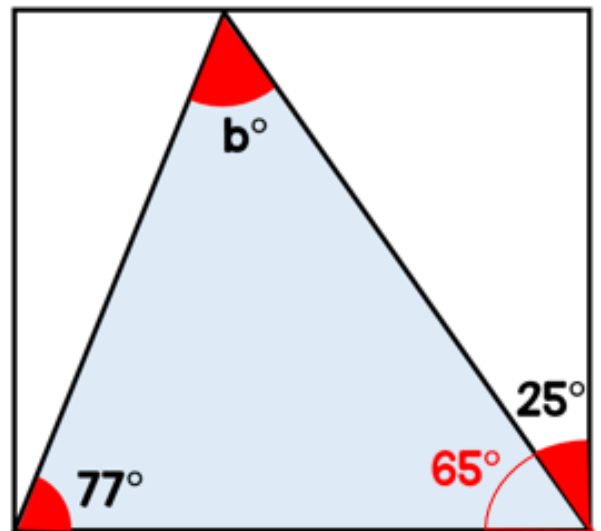


She shades some more squares.

$\frac{7}{q}$ of the rectangle is now shaded.

How many more squares did Lucy shade?

Find the size of angle b.



Annie has a 1 metre piece of wire. She cuts the wire into two pieces. She uses the smaller piece to make this rectangle.



She uses the other piece of wire to make a square.

What is the length of one side of the square?

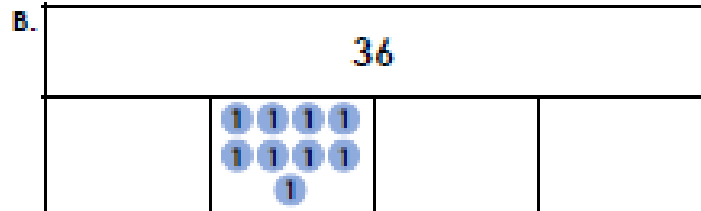
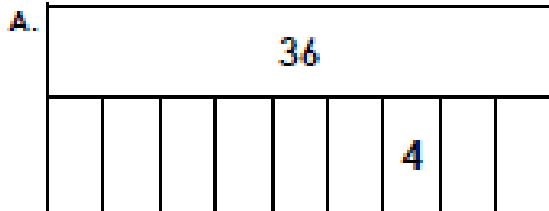
Maths

Tuesday

1. Millie has drawn the bar models shown below. She says,



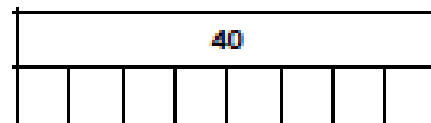
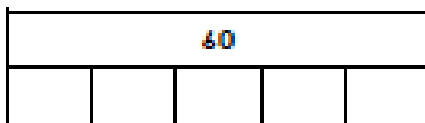
Both bar models can be used to find $\frac{1}{4}$ of 36.



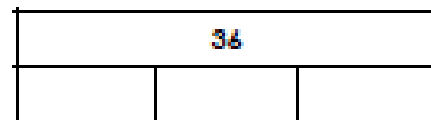
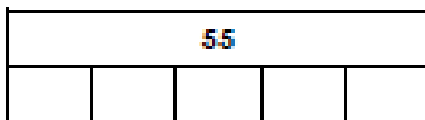
Is she correct? What does each bar model represent?

2. Use inequality symbols (< or >) to complete the comparison statements below.

A. $\frac{1}{5}$ of 60 $\frac{1}{8}$ of 40



B. $\frac{1}{5}$ of 55 $\frac{1}{3}$ of 36



3. Some children in Year 3 have been sorting marbles into colours. There are 24 marbles altogether. What is the most common colour? Explain your reasoning.



Alyia

$\frac{1}{12}$ are green.



Chuan

$\frac{1}{8}$ are blue.

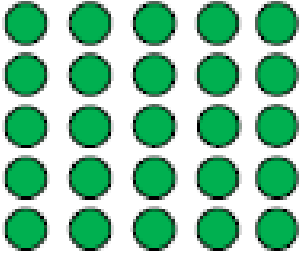


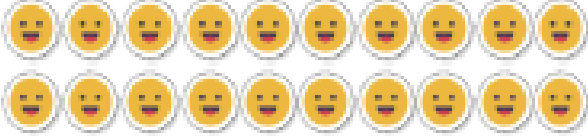







Ava

$\frac{1}{4}$ are red.

Maths

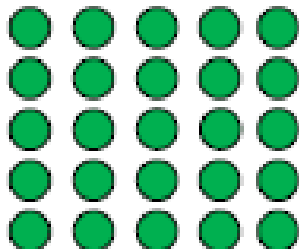
Wednesday

<p>1. Use the counters to find three fifths of 25.</p> <div style="text-align: center;">  </div> <p style="text-align: center;">$\frac{3}{5}$ of 25 = <input style="width: 40px; height: 25px;" type="text"/></p>	<p>5. Marie and Saalih each have £32 to spend.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Marie</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; background-color: #e0e0e0;"> <p>I spent $\frac{5}{8}$ of my money.</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; background-color: #e0e0e0; width: 150px;"> <p>I spent $\frac{3}{4}$ of my money.</p> </div> <div style="text-align: center;">  <p>Saalih</p> </div> </div> <p>How much money does each child spend? How much do they have left?</p>																
<p>2. True or false?</p> <p style="text-align: center; font-size: 1.2em;">$\frac{3}{4}$ of 24 = 18</p>	<p>6. Stefan has 20 erasers. He gives $\frac{4}{10}$ to his cousin and $\frac{2}{5}$ to his sister.</p> <p>How many does he have left?</p> <div style="text-align: center;">  </div>																
<p>3. Draw counters to complete the bar model to solve the calculation.</p> <div style="text-align: center; margin-bottom: 10px;"> <div style="border: 1px solid blue; border-radius: 10px; padding: 5px; display: inline-block;"> $\frac{4}{5}$ of 30 </div> </div> <div style="text-align: center;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="5" style="text-align: center; padding: 5px;">30</td> </tr> <tr> <td style="text-align: center; padding: 5px;">  </td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> </div>	30										<p>7. Lucy and Joseph are calculating fractions of an amount. Who is correct? Explain how you know.</p> <div style="border: 2px solid orange; border-radius: 15px; padding: 10px; text-align: center; margin: 10px auto; width: 80%;"> <p>Out of 27 ice creams, two thirds are sold. How many are left?</p> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  <p>Lucy</p> </div> <div style="border: 1px solid gray; border-radius: 15px; padding: 5px; background-color: #e0e0e0;"> <p>There will be 9 left.</p> </div> <div style="text-align: center;">  <p>Joseph</p> </div> </div> <div style="border: 1px solid gray; border-radius: 15px; padding: 5px; background-color: #e0e0e0; margin-top: 10px; width: 150px;"> <p>There will be 18 left.</p> </div>						
30																	
																	
<p>4. Use the bar model below to calculate the following fractions.</p> <div style="text-align: center; margin-bottom: 20px;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="8" style="text-align: center; padding: 5px;">56</td> </tr> <tr> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%; height: 20px;"></td> </tr> </table> </div> <p>A. $\frac{2}{8}$ of 56</p> <p>B. $\frac{4}{8}$ of 56</p> <p>C. $\frac{5}{8}$ of 56</p>	56																
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Maths

Thursday

1. Use the counters to find three fifths of 25.



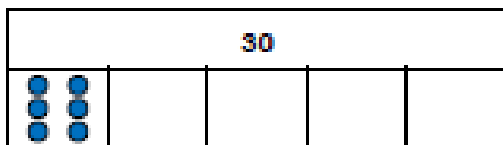
$$\frac{3}{5} \text{ of } 25 = \square$$

2. True or false?

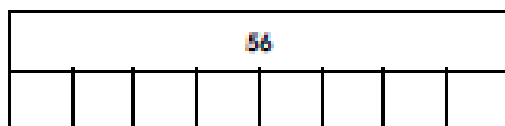
$$\frac{3}{4} \text{ of } 24 = 18$$

3. Draw counters to complete the bar model to solve the calculation.

$$\frac{4}{5} \text{ of } 30$$



4. Use the bar model below to calculate the following fractions.



A. $\frac{2}{8}$ of 56

B. $\frac{4}{8}$ of 56

C. $\frac{5}{8}$ of 56

5. Marie and Saalih each have £32 to spend.



Marie

I spent $\frac{5}{8}$ of my money.



Saalih

I spent $\frac{3}{4}$ of my money.

How much money does each child spend? How much do they have left?

6. Stefan has 20 erasers. He gives $\frac{4}{10}$ to his cousin and $\frac{2}{5}$ to his sister.

How many does he have left?



7. Lucy and Joseph are calculating fractions of an amount. Who is correct? Explain how you know.

Out of 27 ice creams, two thirds are sold. How many are left?



Lucy

There will be 9 left.



Joseph

There will be 18 left.

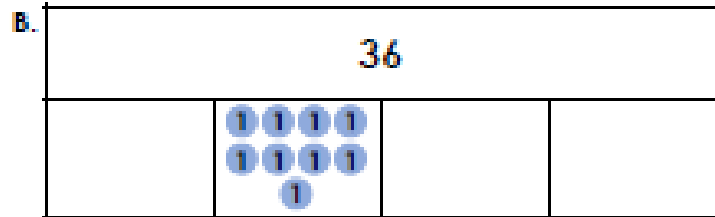
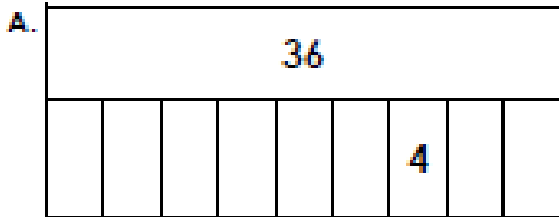
Maths

Friday

1. Millie has drawn the bar models shown below. She says,



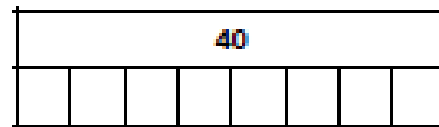
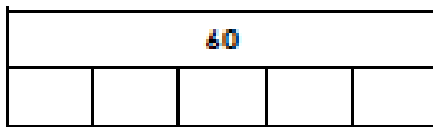
Both bar models can be used to find $\frac{1}{4}$ of 36.



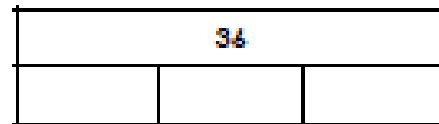
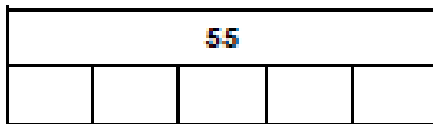
Is she correct? What does each bar model represent?

2. Use inequality symbols (< or >) to complete the comparison statements below.

A. $\frac{1}{5}$ of 60 $\frac{1}{8}$ of 40



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3. Some children in Year 3 have been sorting marbles into colours. There are 24 marbles altogether. What is the most common colour? Explain your reasoning.



Alyia

$\frac{1}{12}$ are green.



Chuan

$\frac{1}{8}$ are blue.



Ava

$\frac{1}{4}$ are red.

Reading

Dream Holidays

Barbados is an island in the Caribbean. It is famous for its white sandy beaches and clear blue water. It is also well-known for playing cricket and eating afternoon tea. Barbados is the perfect place to visit if you enjoy relaxing in the sunshine.



Wilton Barbados Resort

Rating: ★★★★★

Location: Bridgetown

Facilities: 2 private beaches, 5 restaurants, 3 outdoor pools, 1 enormous water slide, kids club, WiFi
Sights: Limestone Cavern and the Barbados Museum

Price: £82 per person, per night

Offers: Breakfast is included

Coconut Tree Hotel

Rating: ★★★★★

Location: Christ Church

Facilities: 1 public beach, 2 restaurants, 1 outdoor pool, soft play area, games room, sea views, WiFi

Sights: Historic buildings and stunning coastline

Price: £56 per person, per night

Offers: Free bathrobes



White Sands Beach Resort

Rating: ★★★★★

Location: Fitts Village

Facilities: 1 private beach, 3 restaurants, 2 outdoor pools, dive and snorkel centre, horse riding, car and bike hire, hot tub, WiFi

Sights: Paradise Beach

Price: £72 per person, per night

Offers: Book now and get 2 nights free

Dream Holidays – Comprehension

Section A

These hotels are on the island of...

Britain	Bermuda	Barbados	Barra
---------	---------	----------	-------

Wilton Barbados Resort has got...

2 stars	3 stars	4 stars	5 stars
---------	---------	---------	---------

White Sands Beach Resort is in...

Christ Church	Fitts Village	Bridgetown	Bermuda
---------------	---------------	------------	---------

The Coconut Tree Hotel has a...

soft play area	snorkel centre	water slide	riding school
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Barbados well-known for playing...

football	rugby	snooker	cricket
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If you stay at the Wilton Barbados Resort, you can visit the...

airport	museum	riding stables	dive centre
---------	--------	----------------	-------------

Section B

Use the information in the text to decide whether these statements are true or false.

	True	False
Barbados is famous for its white, sandy beaches.		
Barbados is the place to visit if you enjoy staying indoors.		
The Wilton Barbados Resort has 2 private beaches.		
The Coconut Tree Hotel has 2 outdoor pools.		
White Sands Beach Resort has 4 restaurants.		
Barbados is well-known for eating afternoon tea.		

Section C

Complete this chart using information from the text.

Hotel	Cost	Facilities	Offers
Wilton Barbados Resort			
	£56		Free bathrobes
		1 beach, 3 restaurants, 2 outdoor pools, dive and snorkel centre, horse riding, car and bike hire, WiFi	

Section D

Find and copy a word that means the same as 'famous'.

Find and copy a word in the text that means the same as 'beautiful'.

Find and copy a word in the text that means the same as 'not public'.

Find and copy a word in the text that means the same as 'old'.

English/EGPS

Monday

1. Complete each word by matching it to the correct suffix.

admi	ation
rel	sion
pollu	ssion
introduc	fion
fabul	cian
conver	ous
jeal	fion
mathemati	ous

2. Look at the sentences below. Underline the suffix or suffixes used in each sentence.

A. The celebration was a joyous occasion.

B. It is dangerous to cross the road if you do not check it is clear.

C. The courageous man was keen to help after the explosion.

D. At school, I learn how to do division in maths.

3. Regan has written some sentences using suffixes. She says she only included a word using the suffixes -tion or -ous in sentence 2. Is she correct? Explain your answer.



1. You must pay attention to the safety instructions.

2. The old man drops his glasses as he walks across the road.

3. The famous author used his imagination to write a humorous story.

English

Tuesday

WINTER

Winter! Winter! Winter!

The snow falls like glitter.

The cold sun wakes up England,

The snow covers the land.

The red robin flies out of it's nest

But oh so does it want to rest

For it's family, it needs to find food.

Meanwhile the fox is in a mood.

The trees branches bend over like spindly fingers.

The choir of bird all sounding like singers.

The snow like a blanket puts summer to sleep.

Plop! Plop! Plop! The snow falls on a robin in a heap.

Would you like to be under a heap of snow?

All the animals are thinking "Oh no."

The snow falls down: it is a magnificent sight.

The mystical day goes by and turns into night.

Do you like this poem? Why?

What do you like about winter?

Find a word which means the same as 'wonderful'

Choose a verse and change it.

English

Wednesday

<p>1. Circle the subordinating conjunction in the sentence below.</p> <p>Although it was sunny, it was still cold outside.</p>	<p>5. Write two sentences using two different subordinating conjunctions. One sentence must start with a subordinating conjunction.</p> <p>1. The roads were busy...</p> <p>2. The roads were busy...</p>
<p>2. True or false? The underlined words are subordinating conjunctions.</p> <p>The moon shone <u>and</u> the stars sparkled.</p> <p><u>Whenever</u> it is night time, I can see the moon.</p>	<p>6. Rewrite each pair of sentences as one sentence that starts with a subordinating conjunction.</p> <p>It is sunny. I will wear sunscreen.</p> <p>The tide came in. We left the beach.</p>
<p>3. Choose the most likely subordinating conjunctions to complete the sentences below.</p> <p>before after while although</p> <p>We had to pack _____ we went on holiday.</p> <p>We had a good time _____ it rained quite a lot.</p>	<p>7. Is the underlined clause a main clause or a subordinating clause?</p> <p>Before we went on the beach, <u>we bought a bucket and spade.</u></p> <p>Explain your answer.</p>
<p>4. Which sentence has a subordinating conjunction?</p> <p>1. I like to swim and play football.</p> <p>2. Before I go to sleep, I read a book.</p> <p>3. Please can I read that book after you?</p>	

English

Thursday

It's time to get creative! Your task is to plan a story.

Your story could be about a wild and stormy night, a shipwreck, a magic door, a camping trip that goes wrong, the discovery of a strange object, moving house etc.

Use the template to help you plan your story.

Main characters: (description)

Setting: (where is it taking place)

Build up: (a problem is starting to be revealed)

Climax: (the problem)

Resolution: (how was the problem solved)

You may want to include some examples of the features from your writing checklist.

Writing checklist:

- | | | | | | |
|-------------------------------|--------------------------|--------------------------------|--------------------------|-----------------------------|--------------------------|
| • Well developed characters | <input type="checkbox"/> | • A description of the setting | <input type="checkbox"/> | • Paragraphs | <input type="checkbox"/> |
| • Sentences of varying length | <input type="checkbox"/> | • A range of punctuation | <input type="checkbox"/> | • A variety of conjunctions | <input type="checkbox"/> |
| • Synonyms and antonyms | <input type="checkbox"/> | • Fronted adverbials | <input type="checkbox"/> | • Similes and metaphors | <input type="checkbox"/> |



This week's spellings are:

rhythm

sacrifice

secretary

shoulder

rhythm	✓		



Look at it



Say it



Cover it



Write it



Check it

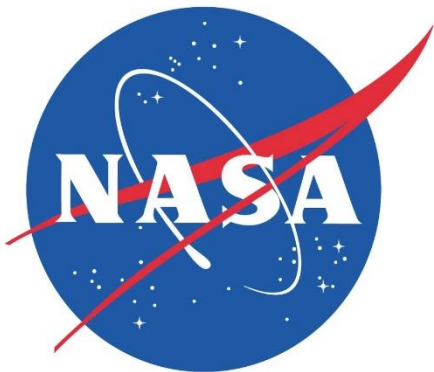
Science

On Saturday 30th May - SpaceX sent NASA astronauts Doug Hurley and Bob Behnken into orbit in Falcon 9. It was the first time that the US space agency has used a private company to transport one of its crews to orbit.

For this week's lesson, I would like you to create your own project on space. It can be anything you would like to do about space.

Here are some ideas you could do:

- A 3D model of a planet/s.
- A story about a visit to space or aliens.
- Research and your opinions into UFOs and aliens.
- A model of a space rocket (Can you make it launch?)
- Details about famous astronauts.
- • A holiday brochure for a planet.
- Act and film yourself pretending to be an astronaut in space



Watch NASA live. <https://www.youtube.com/watch?v=21X5lGIDOfg>