

# Monday 16th March

## Maths Booster

1. What is  $4^2$ ?
2. What number when squared gives 36?
3. What is  $3^3$ ?
4. Circle the numbers which are not square numbers

44

25

50

144

36

55

49

# Monday 16th March

## Maths Booster

1. What is  $9^2$ ?
2. What number when squared gives 49?
3. What is  $5^3$ ?
4. Write a number less than 100 in each space of this Carroll diagram

	even	not even
a square number		
not a square number		

$$a_0 = 1 [a_0]$$

# 10 min SATS Buster

$$\arcsin(z)$$

$$x_{n+1} =$$

16.03.26

Times Tables

x		3		4
	54	18		
7				
	72	24		32
	45	15		

16.03.26TBAT: use long multiplication.3 in 3

1.  $157.5 - 38.69 =$

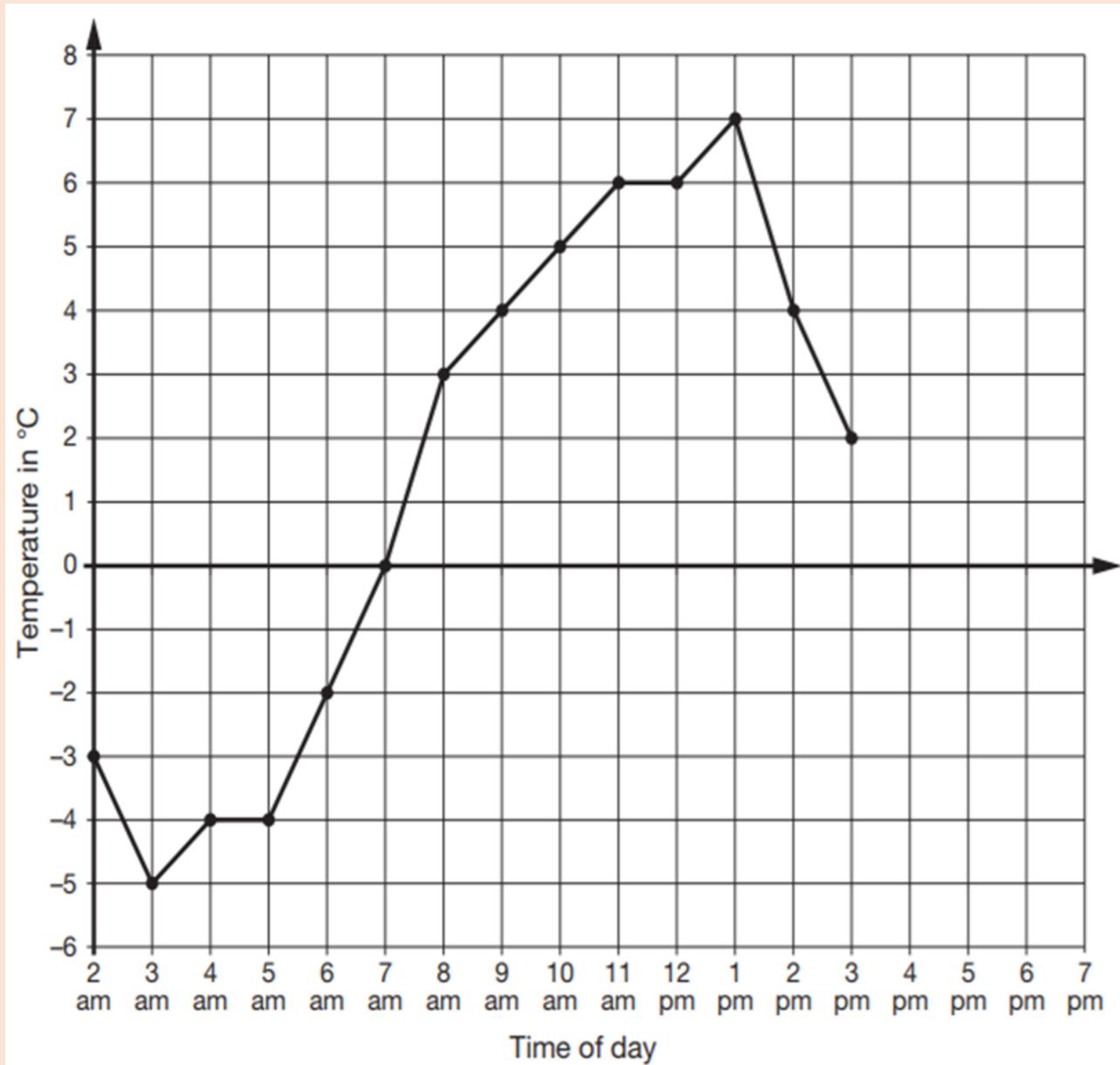
2.  $7/8 \times 6 =$

3.  $368 \div 16 =$

Challenge -

This graph shows the temperature from 2am to 3pm on a cold day.

- a) How many degrees **warmer** was it at 1pm than at 6am?
- b) At 9pm the temperature was 6 degrees warmer than at 3am. What was the **temperature** at 9pm?



# 16.03.26

## TBAT: use long multiplication.

Partner discussion - Which calculation correctly solves the word problem?

Delilah buys 1,134 boxes of ice pops for a theme park. There are 24 ice pops in a box. How many ice pops does she buy altogether?

	1	1	3	4	
x			2	4	
	4	5	3	6	
	2	2	6	8	
	6	8	0	4	
		1	1		

		1	1	3	4	
x				2	4	
		4	5	3	6	
	2	2	6	8	0	
	2	7	2	1	6	
		1	1			

			2	4	
x	1	1	3	4	
			9	6	
			7	2	
			2	4	
			2	4	
		2	1	6	
					1

16.03.26

TBAT: use long multiplication.

		4	5	2	
	×		8	3	
	1	3	5	6	(452 × 3)
		<sub>1</sub>			
					(452 × 80)

A box holds 40 packets of envelopes.

Each packet holds 25 envelopes.

How many **envelopes** does the box hold?

16.03.26

TBAT: use long multiplication.

Which operations do you need to do to solve this question?

Does it matter which order you complete the operations?



**Pack of 12 stickers**  
**£10.49**



**12 stickers**  
**99p each**

Ally buys a pack of 12 stickers for £10.49

Jack buys 12 single stickers for 99p each.

How much more does Jack pay than Ally?

16.03.26

TBAT: use long multiplication.

$$\begin{array}{r} \phantom{0000}70\boxed{\phantom{00}} \\ \phantom{000}\boxed{\phantom{00}}4 \\ \hline \phantom{0000}2828 \\ \phantom{00}63630 \\ \hline \phantom{00}66458 \end{array}$$

Which calculation is correct?

A.

		5	0	6	3
x				7	1
		5	0	6	3
3	5	4	4	1	0
3	5	9	4	7	3

B.

		8	4	0	7
x				9	4
	3	3	6	2	8
7	5	4	6	3	0
7	8	8	2	5	8

1

# 16.03.26

## TBAT: use long multiplication.

1.  $5738 \times 13 =$

2.  $3.421 \times 65 =$

3. There are 2,750 tickets sold every day of a 2-week concert. How many tickets were sold altogether?

4. There are 3,600 seconds in one hour. How many seconds are there in 24 hours?

5. A school buys milk in cartons of 248ml. If each child in a class of thirty-two needs one carton, how many ml of milk is that?

### Challenge -

			1	2	<input type="text"/>	4	
×					2	<input type="text"/>	
<hr/>							
			7	7	0	4	
			2	5	6	8	0
<hr/>							
			3	3	3	8	4
<hr/>							

### Mastery Challenge -

'Thomas uses these five number cards to create a multiplication equation. What was his equation?'



$$\square \square \square \times \square \square = 9,585$$

### Mastery with Greater Depth -

$$\square \square \square \times \square \square = \triangle$$

'Using the digits 0–4 once each, create a calculation where:'

$$6,000 < \triangle < 12,000$$

'Can you create more than one solution?'

Monday 16th March

TBAT: make inferences from the text.

3 in 3

Great Britain sent troops to help fight the Germans, but they were not able to stop the German advance. Soon British, French and Belgian troops were trapped in the port town of Dunkirk, France. The only hope for the Allied troops was to be rescued by sea.

The British navy crossed the English Channel to rescue the troops. They used naval ships as well as many fishing boats and other small boats to get the troops back to England. To save as many people as possible, most of the heavy military supplies were left behind. More than 300,000 Allied troops were rescued from the beaches. The rescue at Dunkirk took place from May 26 to June 4.

- 1. Where were the British, French and Belgian troops trapped by the advancing German forces?**
- 2. What types of boats were used, alongside naval ships, to help rescue the Allied troops?**
- 3. How many Allied troops were rescued from the beaches during the Dunkirk evacuation?**

Monday 16th March

TBAT: make inferences from the text.

Words we will find in the text:

**self-conscious** - feeling undue awareness of oneself or one's appearance.

**shoddily** - badly made or done.

**blotchy** – covered with blotches; patchy.

**petticoat** - a woman's light, loose undergarment hanging from the shoulders or the waist, worn under a skirt or dress.

**slacks** - casual trousers.

**dip pens** - a pen that has to be dipped in ink.



Monday 16th March

TBAT: make inferences from the text.

Olive and Cliff have moved to the lighthouse to live with Ephraim and his dog, Pixie.

What impression do you have of Ephraim? Explain in full sentence using evidence.

Monday 16th March

TBAT: make inferences from the text.

Word Meaning

1. Which word is closest in meaning to *scorn*?

**respect      disdain      admiration      hatred**

2. Which word is closest in meaning to *agitated*?

**bothered      calm      relaxed      tearful**

3. Find and copy two words that mean the same as 'full of risk'.

4. Which word is closest in meaning to *dispersed*?

**separated      distributed      gather      assemble**

Retrieval

1. Identify two things that happened in London as a result of the bombings?

2. When will Cliff and Olive be attending school?

Monday 16th March

TBAT: make inferences from the text.

Inference

1. 'Are you talking to me?' Esther asked, homing in on the boy with the grin.

**How do you think the boy felt when Esther stood up to him? Explain how you know.**

2. 'No one with any sense kept their glasses on during an air raid.'

**Why did no one keep their glasses on during an air raid?**

3. Find two pieces of evidences to show that Olive was frightened when she heard the planes.

4. What did Olive find unusual about the coast guard's speech?

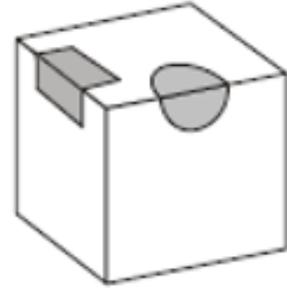
5. Explain what the end of the chapter suggests about Ephraim.

**Challenge - What impressions do you get of Mr Barrowman. Give two impressions, using evidence from the text to support your answer. (2 marks)**

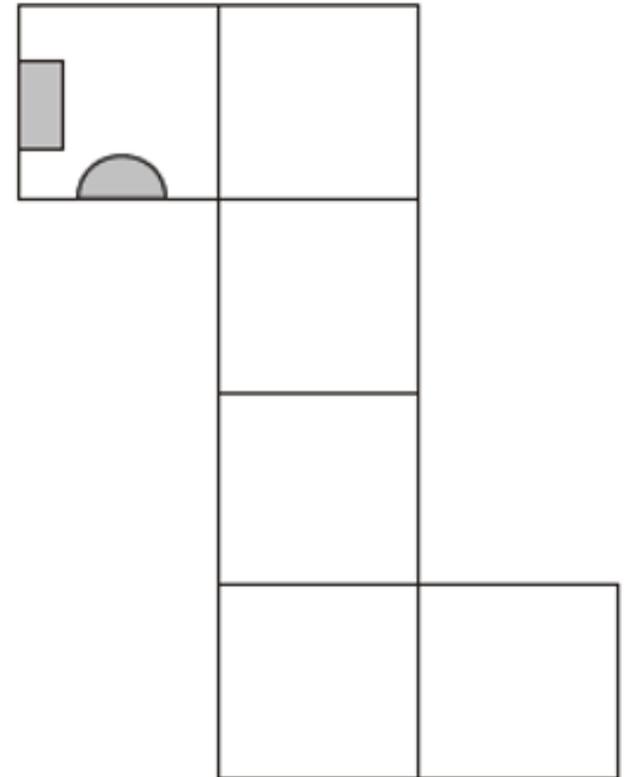
16.03.26

Maths Intervention PM

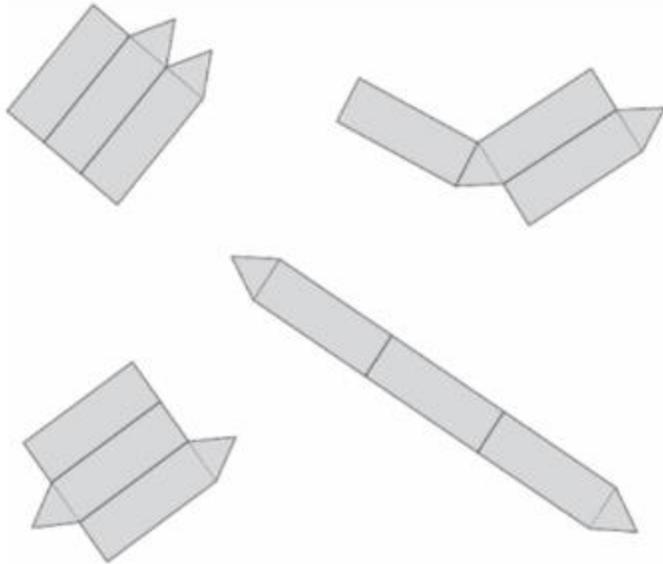
1. A cube has shaded shapes on three of its faces.



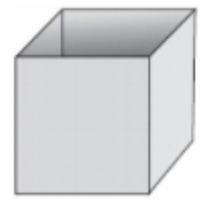
Here is a net of the cube. Draw in the two missing shaded shapes.



2. Two of these diagrams are nets for a triangular prism. Put a tick next to them.



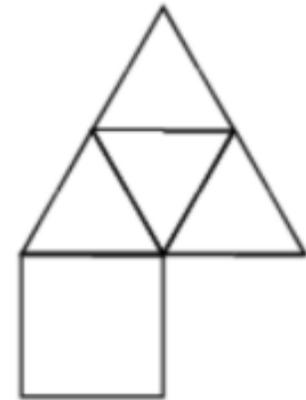
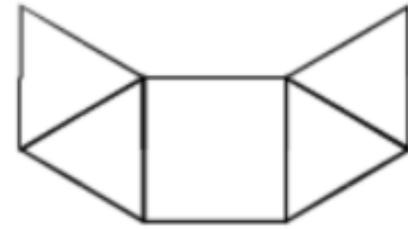
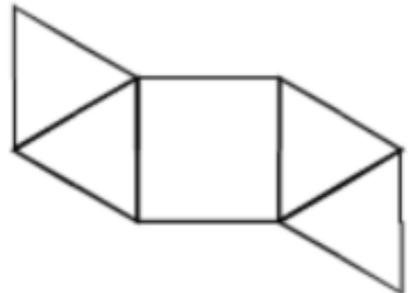
Here is an open top cube.



Here is the net from which it is made. Put a tick on the square which is its base.



2. Look at each of these diagrams. Put a tick if it is the net of a square based pyramid. Put a cross if it is not.



60 months =

years

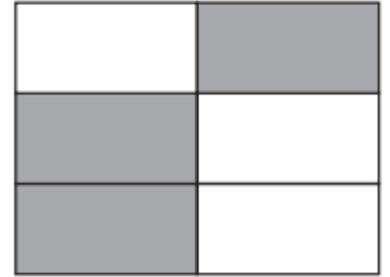
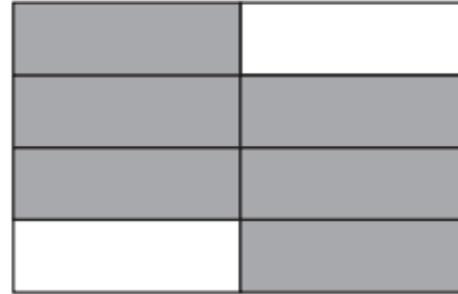
72 hours =

days

84 days =

weeks

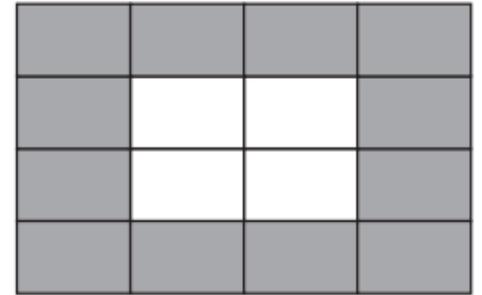
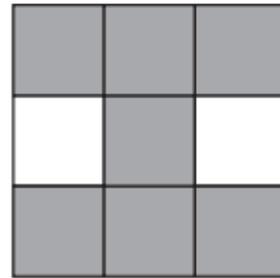
Tick two shapes that have  $\frac{3}{4}$  shaded.



Look at the letters below.

Circle the letter below that has both parallel **and** perpendicular lines.

A C E L Z



Here is a rule for the time it takes to cook a chicken.

**Cooking time = 20 minutes plus an extra  
40 minutes for each kilogram**

How many minutes will it take to cook a 3 kg chicken?

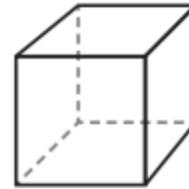
minutes

What is the mass of a chicken that takes 100 minutes to cook?

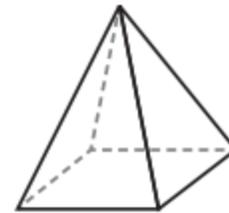
kg

Here are diagrams of some 3-D shapes.

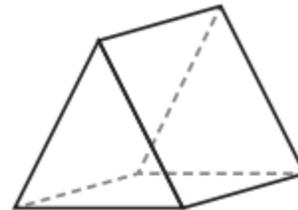
Tick each shape that has the same number of faces as vertices



Cube



Square-based pyramid



Triangular prism



Triangular-based pyramid

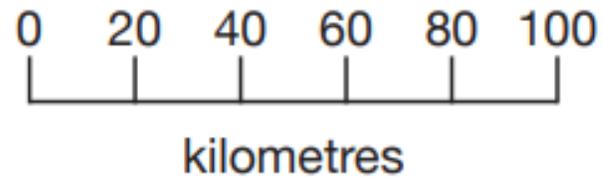
Amina planted some seeds.

For every 3 seeds Amina planted, only 2 seeds grew.

Altogether, 12 seeds grew.

How many seeds did Amina **plant**?

On a map, 1 cm represents 20 km.

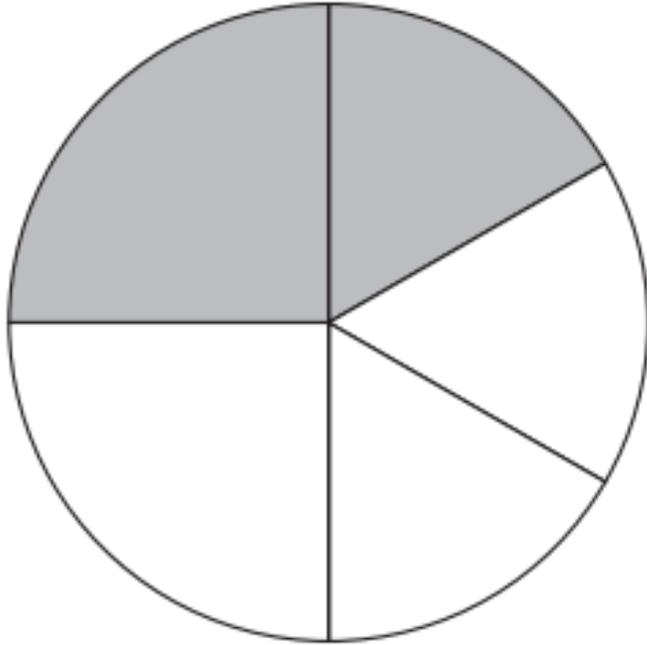


The distance between two cities is **250 km**.

On the map, what is the distance between the two cities?

Write three factors of 30 that are **not** factors of 15

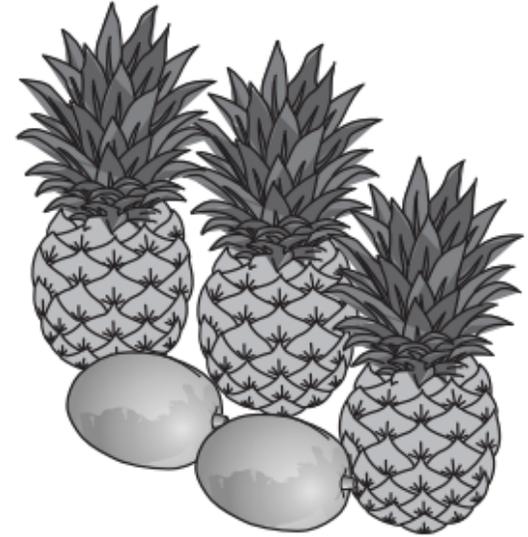
In this circle,  $\frac{1}{4}$  and  $\frac{1}{6}$  are shaded.



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

3 pineapples cost the same as 2 mangoes.

One mango costs £1.35



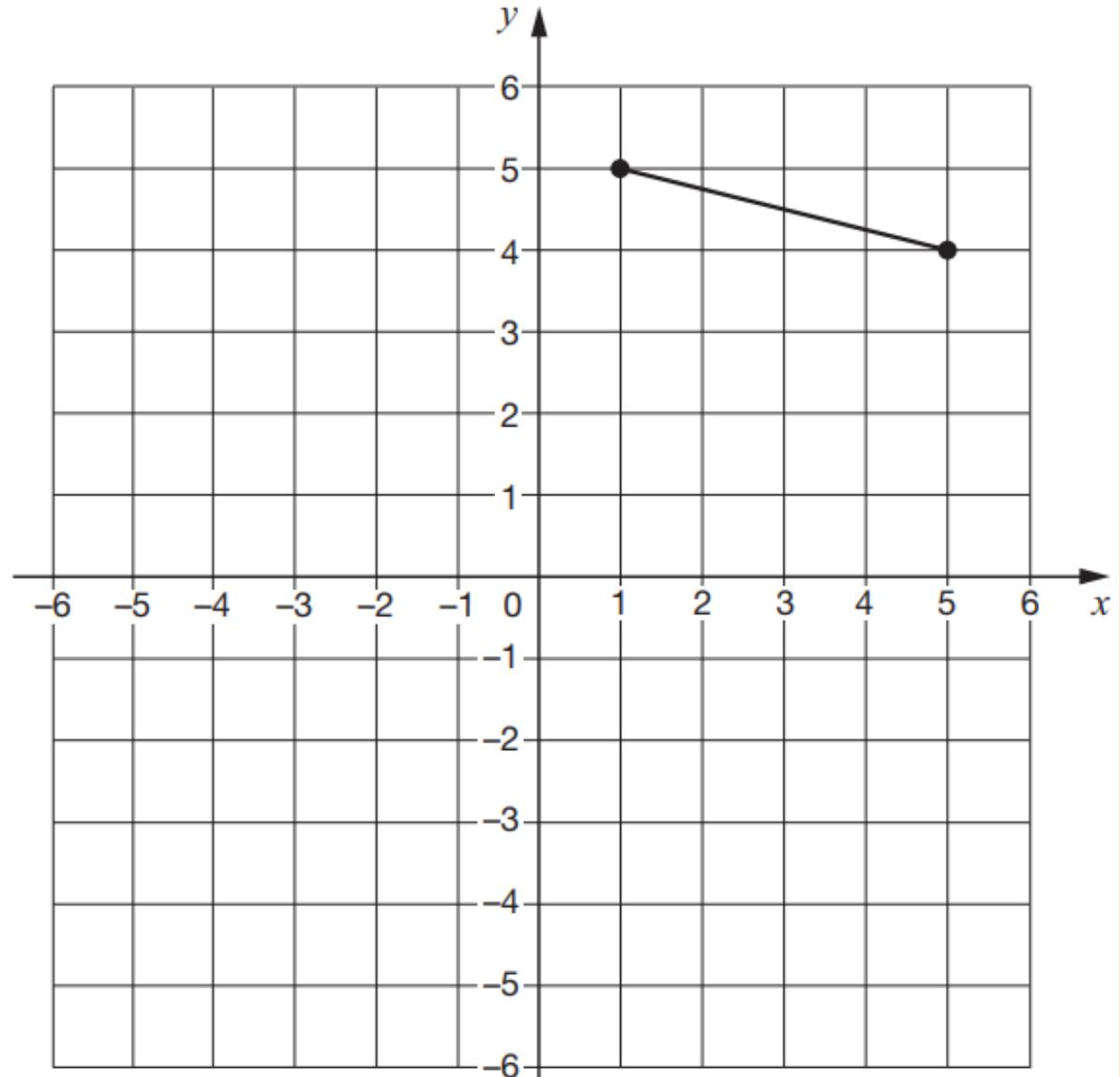
How much does **one** pineapple cost?

The vertices of a quadrilateral have these coordinates.

$(1, 5)$        $(5, 4)$        $(1, -3)$        $(-3, 4)$

One side of the quadrilateral has been drawn on the grid.

Complete the quadrilateral.



Monday 16th March

TBAT: spell words ending /shuhl/ after a vowel letter.

This week, we are going to look at words with endings that sound like /shuhl/.



The sound /shuhl/ can be made in two ways.  
Can you think of any words that end in the /shuhl/ sound? How is the sound spelt?



Monday 16th March

TBAT: spell words ending /shuhl/ after a vowel letter.

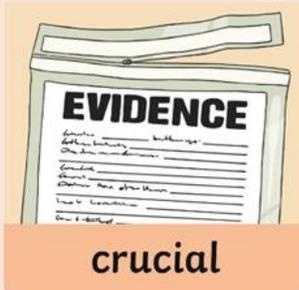
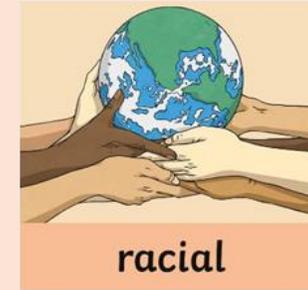
For this week's spellings, we are going to concentrate on words where the /shuhl/ sound is spelt using '-cial'.

**In the next two minutes,  
how many -cial ending  
words can you think of?**

# Monday 16th March

## TBAT: spell words ending /shuhl/ after a vowel letter.

What -cial words did you think of? Did you write down any of your spelling words for this week?

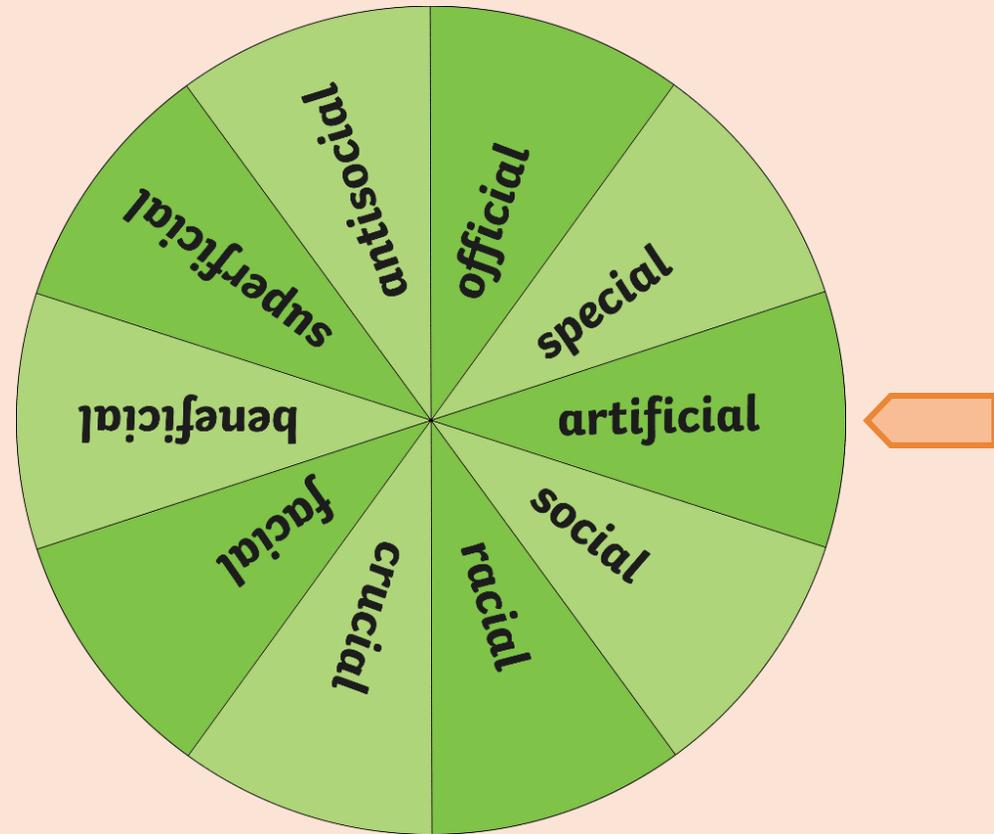


Did you notice anything about all of the -cial words?

All of the words have a vowel letter (a,e,i,o or u) before the /shuhl/ sound. Usually, this means that the sound is spelt using '-cial'.

Let's spin the spinner!

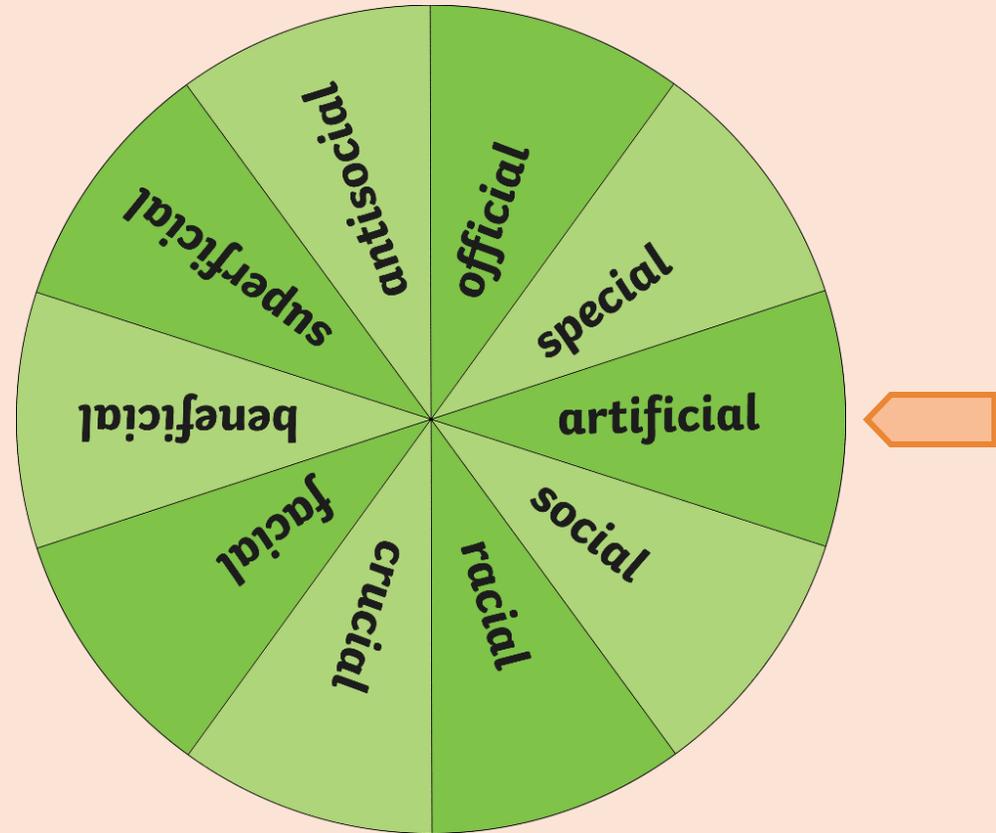
Write a sentence with  
a relative clause that  
contains that -cial  
ending word.



Spin

**Let's spin the spinner!**

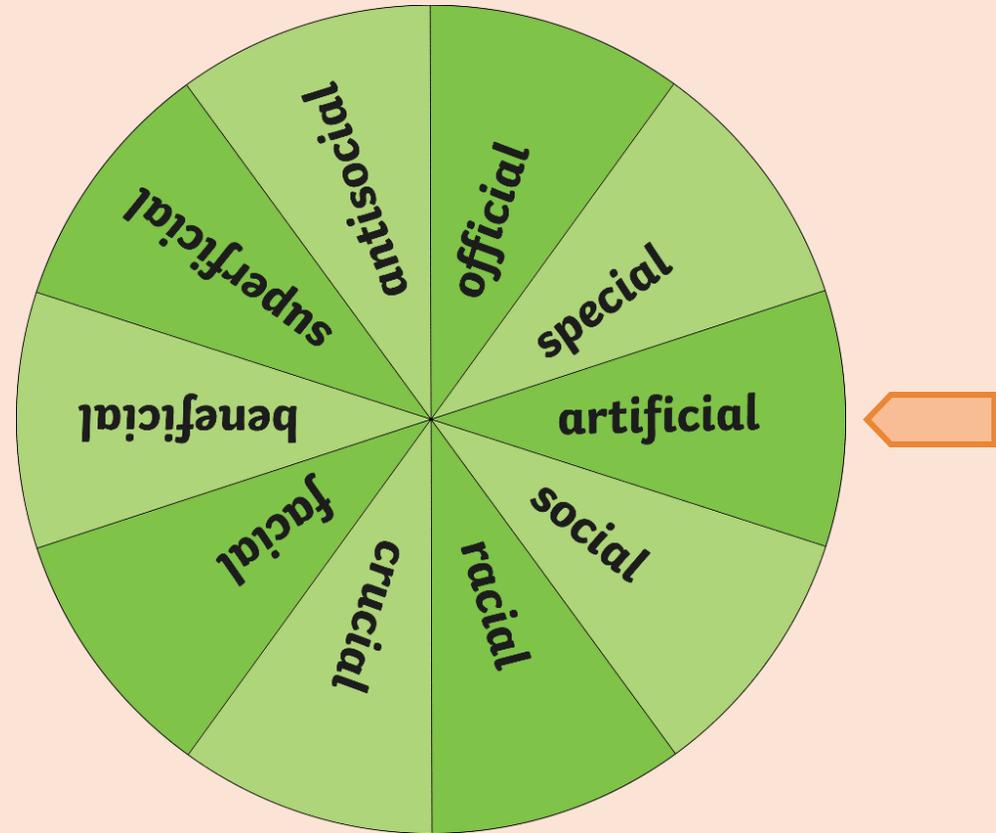
**Write a passive sentence that contains that -cial ending word.**



**Spin**

**Let's spin the spinner!**

**Write a sentence  
written in the  
subjunctive mood  
that contains that –  
cial ending word.**



Spin

Monday 16th March

Homophones and near homophones.

**Homophones** are words that sound the same but have different meanings and spellings.

steal/steel

hole/whole

dew/due

right/write

It is important to learn how to spell and use these words correctly or else your writing (or what you are reading) might not make sense.



Monday 16th March

Homophones and near homophones.

**Highlight the mistakes and correct the wrong homophones underneath.**

On Monday mourning, I eight a bowl of serial and a pair. Next, I went upstairs and maid my bed before getting dressed. As eye was leaving, I saw my mum poor herself a cup of tee and stair out the window at wear the son was shining on the see. I new she wasn't looking sew I decided two steel a suite from the jar before walking to school. What a way to start my weak!

**Challenge – write a sentence that uses a synonym for walk and all the homophones of see.**