

Gordon Primary School

Remote Learning Grid WB 22.3.21

If you require further support with this week's tasks or wish to submit remote learning work to your child's teacher, they may be contacted via the following class email address:

6C - class6c@gordonprimary.redbridge.sch.uk

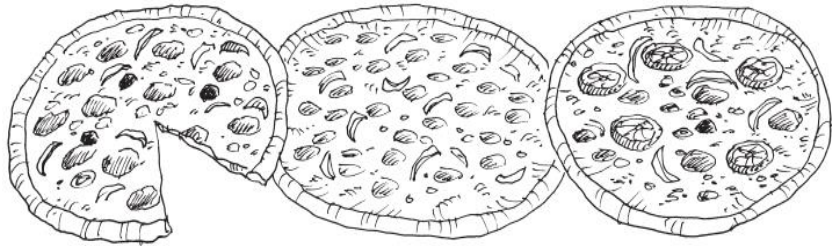
6SC - class6sc@gordonprimary.redbridge.sch.uk

Please insert your child's full name in the subject line of the email, so that your child's teacher can easily access your message.

Please note, this email address exists only for the submission of remote learning work or to seek clarification in relation to this, during any period that your child is not able to attend school. Please do not use this email address at any other time, as your message may not be responded to.

If you wish to contact your child's teacher during regular school time, please do so via the home-school communication book, or call the school office on 0208 478 2977.

Year 6

This Week's Handwriting	This Week's Spellings
A These instructions for making pizza have been written in the wrong order. Read the instructions. Write in numbers to indicate the correct order. <u>How to Make Pizza</u> – Add chopped tomatoes and cheese and bake in a hot oven. – Rub 100g margarine into the flour and salt until it resembles fine breadcrumbs. – Turn out the soft dough and knead until smooth. – Sift 450g self-raising flour and 1 tsp salt into a bowl. – Roll out the dough into a circular shape. – Add 300ml milk to the breadcrumb mixture and mix to form a soft dough. B Write the instructions in the correct sequence onto lined paper, or plain paper with guidelines underneath. 	appalling cancelling controlling excelling labelling levelling patrolling quarrelling rebellling shovelling signalling totalling

Day	English	Maths	Science/Topic work
1	Re-read Chapter 13 of The Silver Sword. Please find this chapter from your previous remote learning grids. <u>Task 1</u> Pick out evidence in the text that describes Jan and Edek's relationship. <u>Task 2 – Answering Questions</u> - What is your personal response as a reader, to this chapter? Give reasons. - How would you describe Jan's behaviour? What might be the reasons for this behaviour? - What is surprising about how Edek behaves on the train? Do you think Ruth is concerned? - Use the wider context of the story to justify Edek's feelings. - What are your personal views about blended families? (foster, step sister, brother, adopted children) What are the implications to family members of such family organisations? - There is no mention of Ruth when the boys were having a fight? Does this suggest anything between how boys and girls behave?	Complete the problems below this grid. Here is an example: Example 1 A prize of £200 is shared 3 : 2 between Diane and Dave. How much should they receive each? - Find the number of shares. $5 (3 + 2 = 5)$ - Find the value of each share. $£40 (£200 \div 5 = £40)$ - Work out how much is received each. Diane £120 ($£40 \times 3$) Dave £80 ($£40 \times 2$) Example 2 The ratio of boys to girls in a school is 6 : 5. There are 168 boys in the school. How many children are there altogether? - Find the total number of parts. $11 (6 + 5 = 11)$ - Find the value of one part. $28 (168 \div 6 = 28)$ - Work out the number of children. $308 (28 \times 11 = 308)$ Example 3 The ratio of adults to children at a cinema is 3 : 4. There are 111 adults in the cinema. How many children are there? - Find the number of parts. $7 (3 + 4 = 7)$ - Find the value of each part. $37 (111 \div 3 = 37)$ - Work out the number of children. $148 (37 \times 4 = 148)$	<u>Parents' Evening</u> Please go into your Times Tables Rockstars account to practise your times tables or go into Education City and explore.

- 1 Eva is baking cakes and cookies.

For every 1 cake, she will bake 2 cookies.

a) If Eva bakes 3 cakes, how many cookies will she bake?

b) If Eva bakes 10 cookies, how many cakes will she bake?

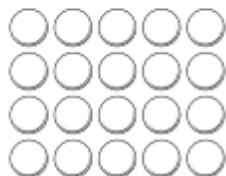


- 2 The ratio of red to yellow counters is 2:3

There are 20 counters in total.

How many counters of each colour are there?

You can colour the counters to help you.



- 3 Tom has 5 green cubes for every 3 yellow cubes.

He has 16 cubes in total.

Draw a diagram to represent this.



- 4 Esther is building a tower of cubes.

The ratio of red to yellow cubes is 3:1

The tower has 6 yellow cubes. How many red cubes are there?



- 5 Nijah plays 21 games of chess.

For every 2 games she wins, she loses 5 games.

How many more games does she lose than win?



- 6 a) Huan is making a drink by mixing 1 part juice with 5 parts water.

Complete the table to show the amounts he would need to use.

Juice	1 litres	2 litres	4 litres	100 ml	200 ml	300 ml		
Water	5 litres						30 litres	750 ml

b) Huan makes 1 litre 500 ml of drink in total.

How much juice and water does he need to use?

- 7 A group of students study French or German in the ratio 3:7

a) Which subject has the most students?

b) Draw a diagram to represent this.

c) There are 80 students in total.

How many more students study German than French?

- 8 Describe a situation for each bar model.

a) green 28

c) green 28

b) 28

Compare answers with a partner.

What is the same and what is different?

Day	English	Maths	Science/Topic work																
2	Re-read Chapter 14 of The Silver Sword. Please find this chapter from your previous remote learning grids. <u>Task 1</u> Pick out evidence in the text that describes Jan and Edek’s relationship. <u>Task 2 – Questions</u> - What are your views about the way Jan behaves in this chapter? Is anything surprising? - How does Jan impact on family in this chapter? - Look closely at the interaction between Jan and Edek regarding the loaf of bread? Why does Edek call borrowing organizing? - What are your personal views about when someone is a splitting image of your personality? How do you think Edek felt towards Jan? - How would you feel if someone had a	Complete the problems below this grid. Here is an example: A proportion is a quantity that is part of a whole. In everyday life we often have to solve problems of proportion when dealing with recipes. Example 1 A cake recipe requires 50 g of butter to be used for every cake. The amount of butter needed will increase in proportion to the number of cakes. <table><tr><th>Cakes</th><th>Butter</th></tr><tr><td>1</td><td>50 g</td></tr><tr><td>2</td><td>100 g</td></tr><tr><td>3</td><td>150 g</td></tr><tr><td>⋮</td><td>⋮</td></tr><tr><td>7</td><td>350 g</td></tr><tr><td>8</td><td>400 g</td></tr><tr><td>and so on.</td><td></td></tr></table> Example 2 A recipe for 8 people requires 1000 g of fruit. How much fruit is needed for 5 people? Step 1 Find how much fruit is needed for 1 person. 125 g ($1000 \text{ g} \div 8 = 125 \text{ g}$) Step 2 Find how much fruit is needed for 5. 625 g ($125 \text{ g} \times 5 = 625 \text{ g}$)	Cakes	Butter	1	50 g	2	100 g	3	150 g	⋮	⋮	7	350 g	8	400 g	and so on.		<u>PSHCE: Zones of Regulation</u> <i>When in a social situation, people affect each other’s thoughts and feelings based on whether their behaviour is expected or unexpected.</i> <i>Lead in:</i> <i>What is expected and unexpected behaviour?</i> <i>Do the feelings we have about people’s expected and unexpected behaviour impact on how we respond to the person?</i> <i>Can you give an example.</i> <u>Task</u> Have a look at the below thinking and feeling worksheets. Think about a familiar setting. For example, a café or a playground. Think about what happens in these spaces.
Cakes	Butter																		
1	50 g																		
2	100 g																		
3	150 g																		
⋮	⋮																		
7	350 g																		
8	400 g																		
and so on.																			

splitting image of your personality?

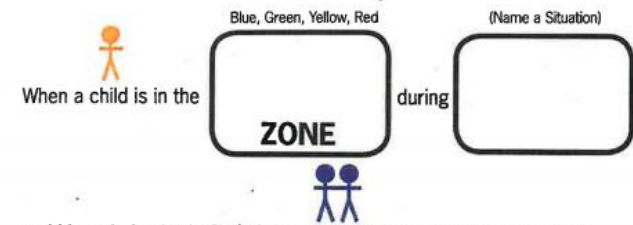
- Would you question the morals of stealing and lying in this chapter? How?

Thinking and Feeling About **EXPECTED** Behaviors

Blue, Green, Yellow, Red

(Name a Situation)

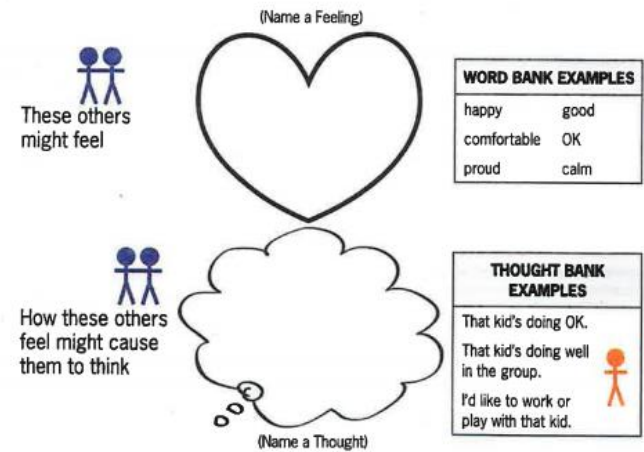
When a child is in the **ZONE** during



and his or her behavior is **EXPECTED**, others have thoughts and feelings about the behavior.

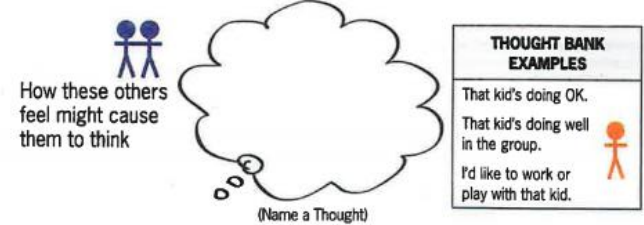
(Name a Feeling)

These others might feel



WORD BANK EXAMPLES	
happy	good
comfortable	OK
proud	calm

How these others feel might cause them to think



THOUGHT BANK EXAMPLES	
That kid's doing OK.	
That kid's doing well in the group.	
I'd like to work or play with that kid.	



Thinking and Feeling About **UNEXPECTED** Behaviors

Blue, Green, Yellow, Red

(Name a Situation)

When a child is in the **ZONE** during

and his or behavior is **UNEXPECTED**, others have thoughts and feelings about the behavior.

(Name a Feeling)

These others might feel

How these others feel might cause them to think

(Name a Thought)

WORD BANK EXAMPLES	
frustrated	uncomfortable
mad	OK
sad	worried

THOUGHT BANK EXAMPLES	
I don't like what this child is doing.	
This child isn't following the rules.	
This child is having a hard time.	

Wrap up

Why is it important to try and display expected behaviour even if you are struggling?

- 1 Whitney buys 6 cans of lemonade for £3

- How much do 12 cans cost?
- How much do 3 cans cost?
- How much do 15 cans cost?



- 2 The ratio of red to green grapes in a bowl is 3:1

- Explain what this means.
- There are 12 more red grapes than green grapes.
What is the total number of grapes in the bowl?

- 3 Amir is making some chocolate chip biscuits.

He has this list of ingredients to make 6 biscuits.

- How much of each ingredient does Amir need to make 2 biscuits?

- How much of each ingredient does Amir need to make 10 biscuits?

- Amir has 240 g of chocolate chips.

What is the maximum number of biscuits he can make?

Chocolate chip biscuits (makes 6)

120 g butter
72 g sugar
180 g plain flour
60 g chocolate chips

- 4 Dexter has some 20p and 50p coins in a jar.

For every three 20p coins he has one 50p coin.

There are 12 coins in the jar in total.

How much money is in the jar?



- 5 A drink is made using 3 parts orange juice to 2 parts lemonade.

Esther makes 1.2 litres of this drink.

How much orange juice does she need?

- 6 Two shops sell the same cereal but in different-sized boxes.

Shop A	Shop B
500 g of cornflakes £2.10	750 g of cornflakes £3.30

Which shop is better value for money?

Explain why.

- 7 Dora draws two similar rectangles.

My larger rectangle is
4 times the size of the
smaller one.



The perimeter of the
larger rectangle is 48 cm.

The length and width of both rectangles are even numbers.

What is the largest possible area for the small rectangle?

- 8 Aisha has two boxes of sweets.

- In the first box, the ratio of red sweets to green sweets is 3:1
- In the second box, for every 2 orange sweets there are 3 yellow sweets.
- There is the same number of sweets in each box.
- There are 12 yellow sweets in the second box.

How many sweets are in the first box?

Day	English	Maths	Science/Topic work
3	Re-read Chapter 16 of The Silver Sword. Please find this chapter from your previous remote learning grids. Task 1 Underline evidence that shows how each of the children behaved and how it impacted on their current situation. Can you explain. Task 2 – Questions - How did Ruth's feelings change towards Edek? - Do you think she has a firm hold on the family? - Who do you think forgave Jan? What does this show?	Complete the problems below this grid. Here is an example: Ratio compares part to part. Proportion compares part to whole. Example 1 A necklace is made using this pattern of beads.  Ratios of blue to red beads 2 : 3 Proportion of blue beads $\frac{2}{5}$ Proportion of red beads $\frac{3}{5}$ Example 2 In a supermarket 2 large packets of cereal are put on the shelves for every 5 small packets. 40 small packets are put out. How many large packets are put on the shelves? Find ratio of small to large packets. 5 : 2 Find value of one part. 8 ($40 \div 5 = 8$) Work out the number of large packets put out on shelves. 16 ($8 \times 2 = 16$) Example 3 At a swimming gala 3 in every 8 swimmers receive a medal. How many medals are awarded if there are 72 swimmers altogether? Find proportion of swimmers receiving a medal. $\frac{3}{8}$ (3 in every 8) Find the number of medals awarded. 27 ($72 \div 8 = 9$ $9 \times 3 = 27$)	Music: Body Percussion Timbre – Body Percussion Basics Access the following link and enjoy using your body and your voice. https://classroom.thenational.academy/lessons/composing-a-body-percussion-piece-6nk38d

- 1 7 pencils cost £3.64



How much do 4 pencils cost?

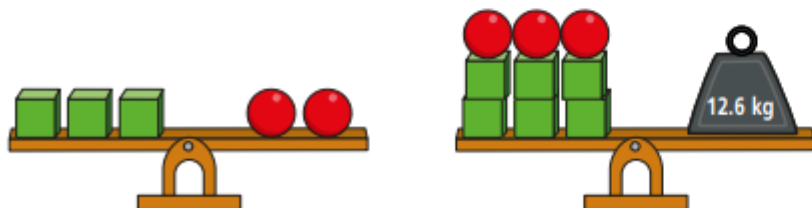
- 2 A machine can make 120 nails in 4 seconds.

- a) How many nails does the machine make in 20 seconds?
- b) How many nails does the machine make in one minute?

- 3 A farmer says, "For every 2 horses in a field I need to put out 3 bales of hay."

- a) How many bales of hay are needed for 8 horses?
- b) How many bales of hay are needed for 3 horses?
- c) If there are 18 bales of hay in a field, how many horses could the farmer put there?

- 4 Alex balances some scales.



Work out the mass of one of the cubes.



- 5 Amir has a box of counters.

For every 5 red counters in the box there are 2 green counters.

Amir removes 21 red counters.

There are now the same number of red and green counters in the box.

How many green counters are in the box?

Show all your workings.



- 6 The ratio of boys to girls in a class is 1 : 3
There are 15 girls in the class.

- a) How many boys are in the class?
- b) How many children are in the class in total?

- 7 The ratio of blue to green balloons is 2 : 3
There are 20 balloons altogether.

- a) How many blue balloons are there?
- b) How many green balloons are there?

- 8 Three points lie in a straight line.



- The distance from A to B is 3 times the distance from B to C.
- The distance from A to B is 27 cm.

What is the distance from A to C?

- 9 The ratio of 20p coins to 5p coins in a money box is 5 : 2
There are fifteen 20p coins.
How much money is in the box?

Day	English	Maths	Science/Topic work
4	Re-read Chapter 17 of The Silver Sword. Please find this chapter from your previous remote learning grids. <u>Task 1</u> - What are your personal responses to this chapter? - Why do you think Jan wants the train to stop? - How would you describe the way Jan speaks and behaves towards Edek? - How might Edek's actions have triggered Jan's behaviour? You could think about the zones of regulation. - Do you think there is a connection with this and the fact that he escaped down the signal ramp? - How do you think Edek feels at the end of the chapter? <u>Task 2</u> Can you act out the scene.	Under this grid you will find your Friday arithmetic test.	<u>Art – Blitz Art Work</u> <i>Last week you used pencil media only to sketch your Blitz image</i> <i>This is a piece of Blitz art work using three colours: yellow, red and white.</i>  Sketch the image, creating a silhouette first and then building it up. Use colour: use a different medium that you did from last week.

① $295 + 20 =$

☐ 1 mark

② $4 \times 8 =$

☐ 1 mark

③ $2612 - 1000 =$

☐ 1 mark

④ $18 \div 3 =$

☐ 1 mark

⑤ $2658 + 718 =$

⑥ $28.1 + 0.6 =$

⑦ $\frac{1}{7} + \frac{3}{7} =$

⑧ $-13 + 8 =$

9 $7 \times 3 \times 4 =$



☐ 1 mark

10 $540 - 370 =$



☐ 1 mark

11 $\frac{17}{19} - \frac{12}{19} =$



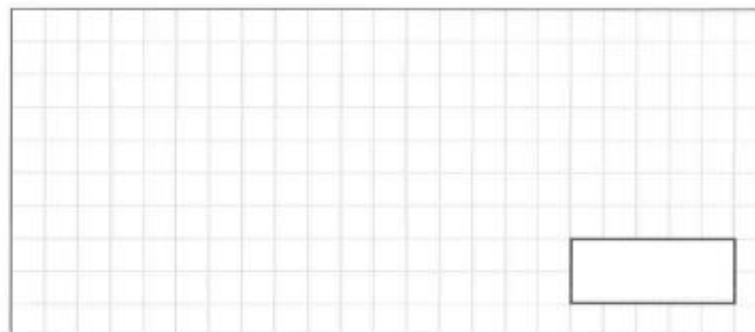
☐ 1 mark

12 $482 \div 1000 =$

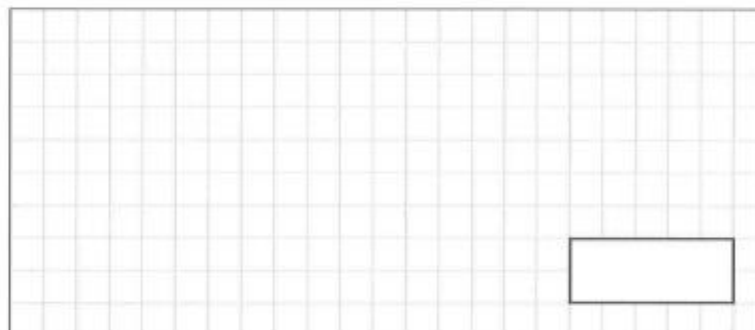


☐ 1 mark

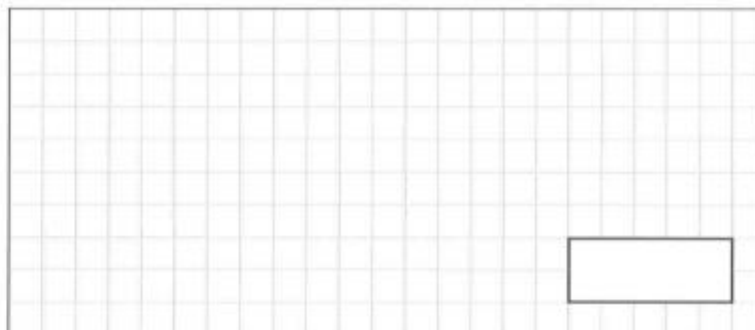
13 $40 \times 70 =$



14 $11^2 =$



15 $427 \times 6 =$



16 $42\,000 \div 6 =$



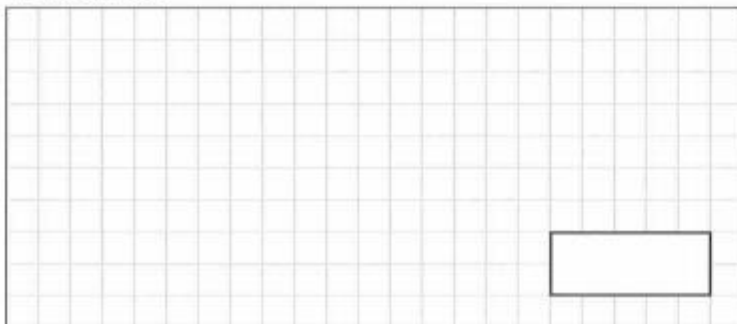
1 mark

17 $0.7 \times 9 =$



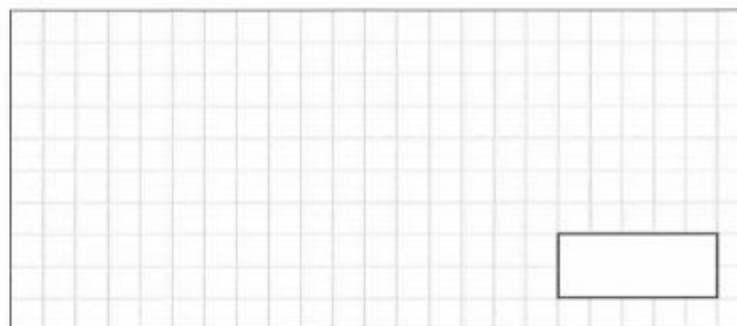
1 mark

18 40% of 250 =

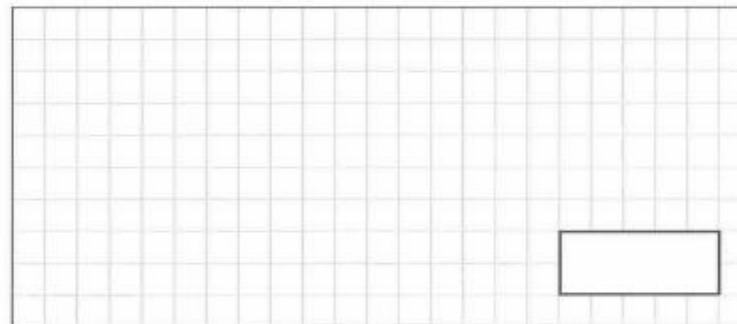


1 mark

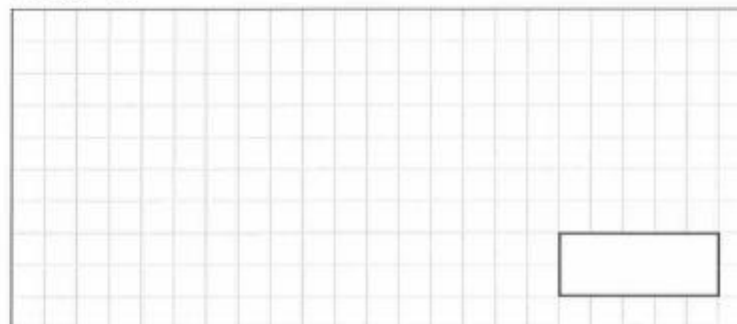
19 $\frac{3}{4}$ of 120 =



20 $33.45 + 6.7 =$



21 $2845 \times 5 =$



22 $77\,423 - 6375 =$

☐ 1 mark

23 $\frac{3}{23} \times 4 =$

☐ 1 m

24 $5.37 \times 4 =$

☐ 1 mark

25 $63.42 - 14.55 =$

26 $42.12 \div 9 =$

27

$$\begin{array}{r} 493 \\ \times 24 \\ \hline \end{array}$$

Show
your
working

28 35% of 120 =

☐ 1 mark

29 $16 \overline{)5184}$

Show
your
working

☐ 2 marks

30 $\frac{3}{7} \times \frac{4}{5} =$

☐ 1 mark

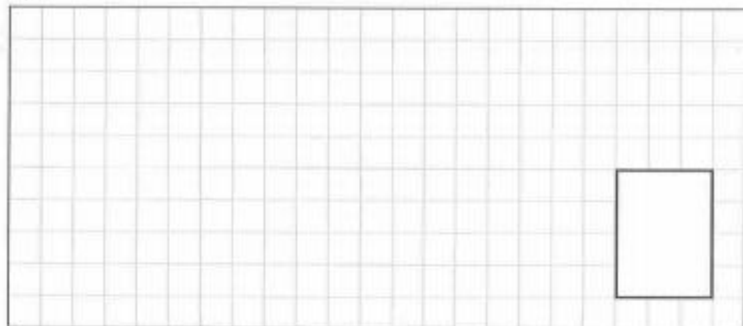
31 $1\frac{2}{7} + \frac{5}{14} =$

32
$$\begin{array}{r} 2641 \\ \times 35 \\ \hline \end{array}$$

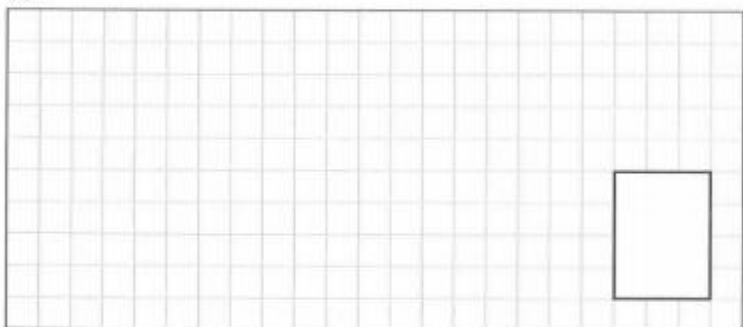
Show
your
working

33 $(38 + 12) \div 5 - 3 =$

34 $\frac{5}{12} - \frac{2}{9} =$

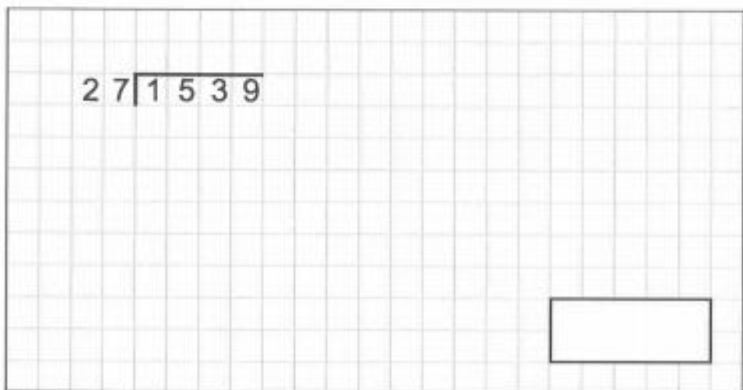
A large rectangular grid for working space. In the bottom right corner, there is a small rectangle with a width of 2 units and a height of 2 units.

35 $\frac{7}{36} \div 2 =$

A large rectangular grid for working space. In the bottom right corner, there is a small rectangle with a width of 2 units and a height of 2 units.

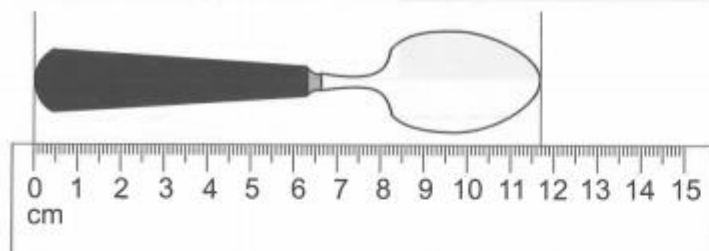
36 $27 \overline{) 1539}$

Show
your
working

A large rectangular grid for working space. In the bottom right corner, there is a small rectangle with a width of 4 units and a height of 1 unit.

Day	English	Maths	Science/Topic work
5	<u>Free- write Creative Writing</u> Write a creative piece. Question time! Do you think these creatures are fierce or gentle? Where were they discovered? What do you think their ideal habitat would be? How would you care for a creature like this? Remember to use: - descriptive language, - language features - an interesting hook/opener - different punctuation/advanced punctuation - varying your sentences in length - orally rehearse and also proof read	We would like you to complete a reasoning test today. Please find the questions under Day 5.	PE: Get Fit with Joe https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ Choose a video from the above link and enjoy! <u>Spanish</u> Follow the below link and study along with the online teacher: https://classroom.thenational.academy/lessons/naming-an-object-and-saying-where-it-is-61h6ac?activity=video&step=2&view=1

- 1 What is the length of this spoon?



cm

☐
1 mark

- 2 Here are some digit cards.



Use **three** of the cards to make this multiplication correct.

$$\boxed{} \times 8 = \boxed{}\boxed{}$$

☐
1 mark

Use **all** of the cards to make this multiplication correct.

$$\boxed{} \times \boxed{} = \boxed{}\boxed{}$$

☐
1 mark

- 3 The children at a school can attend Art Club, Dance Club or Chess Club. The table shows the number of children in each school year that go to each club.

	Art	Dance	Chess
Year 3	12	8	11
Year 4	9	13	6
Year 5	5	10	15
Year 6	14	4	9

How many Year 4 children go to **Dance Club**?

In Year 3, which club is attended by the **most** children?

In Year 6, how many **fewer** children go to Chess Club than Art Club?

- 4 Write these numbers in order from the smallest to the largest.

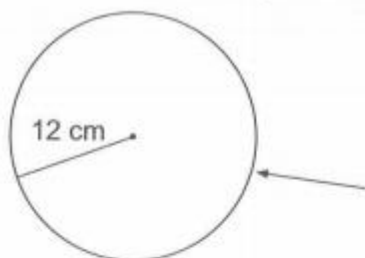
6.24 5.6 6.42 6.3 5.26

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smallest

largest

- 5 The circle shown in the diagram below has a **radius** of 12 cm.



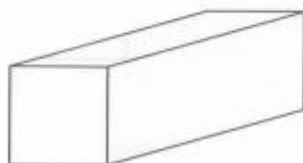
Name the part of the circle that the arrow is pointing to.



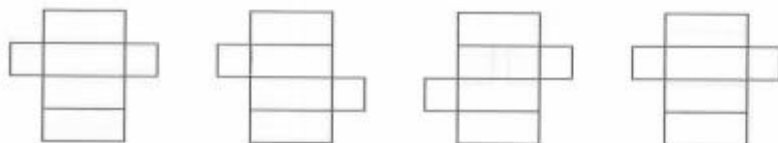
What is the **diameter** of this circle?



- 6 Two faces of this cuboid have been shaded.



Circle the **two** nets which could have been used to make the cuboid.



- 7 At 3 pm the temperature in Rick's garden was 7 °C.
At 9 pm the temperature was -2 °C.

What was the decrease in temperature between 3 pm and 9 pm?

At 11 pm the temperature was 3 °C **colder** than at 9 pm.

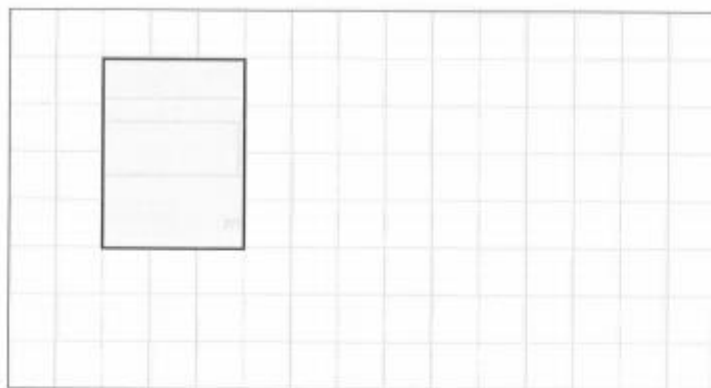
What was the temperature at 11 pm?

- 8 Write down all the **factors** of 15.

- 9 A recipe uses 5 cubes of butter for every 2 eggs used.

How many cubes of butter should be used with **8 eggs**?

- 10 On the grid below, draw a rectangle with the **same area** as the grey rectangle but a **different perimeter**.



1 mark

- 11 This formula shows how the amount of pocket money Azi gets each week depends on the number of hours she spends practising her violin.

Pocket money = $50p \times \text{number of hours of practice} + £3$

How much pocket money will she get if she does **3 hours** of practice?

£

This week Azi got £5.50 in pocket money.

How many hours of practice did she do?



1 mark

Show
your
working



2 marks

- 12 Circle the three amounts below which are equivalent to each other.

40% 0.2 $\frac{2}{5}$

$\frac{1}{40}$ 20% 0.4

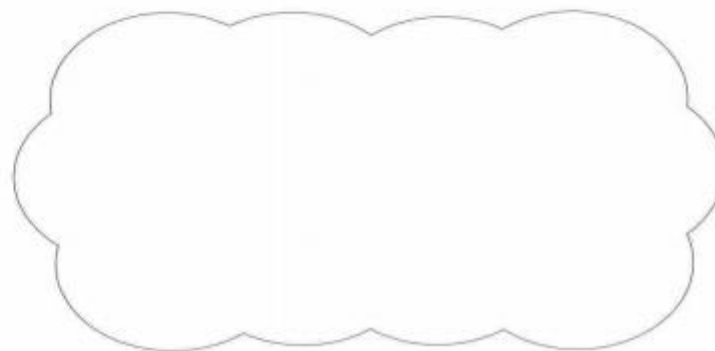
- 13 Here is a division.

$$368 \div 8 = 46$$

Use **this answer** to complete the calculation below.
Do **not** use a written division method.

$$368 \div 16 = \boxed{}$$

Explain how you found your answer.



- 14 Tim is 10 years old.
His sister Amy is $\frac{4}{5}$ Tim's age.
Tim's mum is 4.25 times as old as Amy.

How old is Tim's mum?

Show
your
working

2 marks

- 15 Write $\frac{27}{5}$ as a mixed number.

1 mark

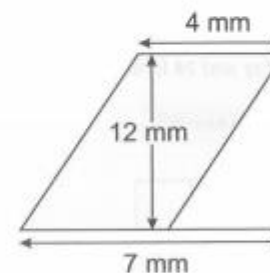
Write $2\frac{4}{9}$ as an improper fraction.

1 mark

- 16 Priya watches a film which says 'Made in MCMLXXVI' at the end of the credits.

In what year was the film made?

- 17 The shaded part of the shape below is a **parallelogram**.



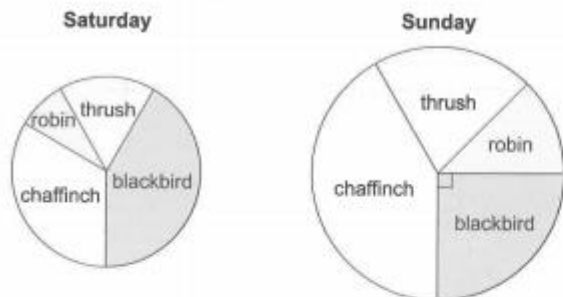
What is the area of the **shaded** part of the shape?

 mm^2

What is the area of the **white** part of the shape?

 mm^2

- 18 Cara counted the number of different types of birds she saw in her garden on Saturday and Sunday. The pie charts show her results.



Estimate what **fraction** of the birds she saw on **Sunday** were robins.

1 mark

In total Cara saw **12** birds on Saturday and **24** birds on Sunday.

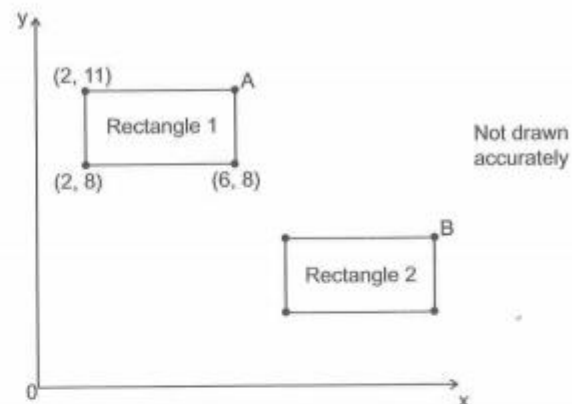
On which day did she see the **most** blackbirds?

Saturday ☐ Sunday ☐

Explain how you know.

1 mark

- 19 Rectangle 1 has corners at coordinates (2, 8), (6, 8), (2, 11) and point A.



Rectangle 1 is translated **5 units horizontally** and **-4 units vertically** to give Rectangle 2.

What are the coordinates of corner B of Rectangle 2?

Show
your
working

B = (,)

20

A tennis club has **10** members.

Each member pays a membership fee of **£12**.

The club uses some of this money to buy a T-shirt and 4 tennis balls for **each member**.



20 balls cost
£19.78



1 T-shirt costs £4.99

Work out the total amount of money the club will have
left over once all the items have been bought.

Show
your
working

£