Home Learning LKS2 Week Beginning: 13th July 2020

<u>Thank you all for your continued support with home-learning.</u>
It has been lovely to 'see' so many of our children on Purple Mash over the recent weeks, and to receive so much completed work. We appreciate that this style of learning may not suit some individuals, we, as class teachers, are trying our best to make sure that our curriculum objectives are being met in a creative and imaginative way. Please be reassured that whatever home-learning you are managing to complete; reading a new genre of book, constructing a new Lego creation, researching a favourite character from a film or a computer game, or setting yourselves a new sporting challenge, the experiences you and your child are having in these strange times will be an invaluable lesson to them, so keep up the great work.

These home-learning packs are available to collect from School on Monday morning between 9:30-11am).

<u>Purple Mash</u>: Each class has a class blog that will allow the children to share any of the amazing things they are doing at home, as well as a display-board showcasing the fabulous home-learning that is being completed. We would love to know what the children are up to.   The children can get to the blog by logging on to Purple Mash and the clicking the sharing icon on the top left tool bar then selecting shared blogs and the blog should be listed there. Remember to check the 'alert' button to check for any new activities that have been set. Any upcoming TT Rockstar Battles will also be advertised here. A big well done to Class 7 who beat Class 8 in our 1st inter-class battle – it would be great if more children took part in this week's battle – Class 6 versus Class 8.

Each class teacher can be contacted on their class email for additional information. This email address should also be used for sending any completed work.

Miss Holdway – class6@speenhamland.newburyacademytrust.org
Mrs Earl – class7@speenhamland.newburyacademytrust.org
Mrs Waterfall – class8@speenhamland.newburyacademytrust.org

<u>Handwriting:</u> Many parents have been asking about handwriting practice during lockdown. Instead of our usual spelling activities we thought it might be beneficial for those who would like some additional practice to focus on revisiting the common joins for cursive writing in Year 3 and 4. The children are familiar with these activities and are used to tracing the join patterns first before writing the words and the sentences. This week we will be focusing on the joins 'le' and 'ly'

(Worksheets can be found at the end of this pack)

Monday - Thursday

For the rest of the Summer term, the children will be following the White Rose Maths scheme of work which we currently use in school. For each lesson, there will be a link to an online explanation video, which is then followed up with a worksheet of questions (as seen below). **It is important that your child watches the video first** as this explains how the problems should be solved. We will indicate next to the lesson if there is Purple Mash or Mathletics work to accompany this.

Maths Year 3 – Capacity, Pictograms and Bar charts

https://whiterosemaths.com/homelearning/year-3/ then click on Summer Term – week 12 w/c 13th July

Lesson 1 Compare capacity – watch the online explanation video first, and then answer the questions below:

1 Put these glasses in order of the amount of water they contain.

Start with the least amount of water.

A   B   C   D

least   most

2 In each pair, circle the object that holds the most water.

a) kettle   bath

b) swimming pool   fish tank

c) tablespoon   mug

1,000 ml   1 litre
500 ml   ½ litre
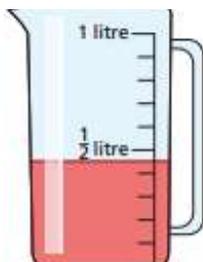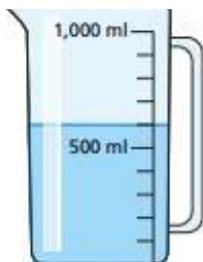
a) What is the volume of liquid in jug A? [ ] ml

b) What is the volume of liquid in jug B? [ ] ml

c) How do you know that the capacity of each jug is the same?

4 Which measuring container has the most liquid?

A   B

500 ml, 450 ml, 400 ml, 350 ml, 300 ml, 250 ml, 200 ml, 150 ml, 100 ml, 50 ml

1,000 ml   500 ml
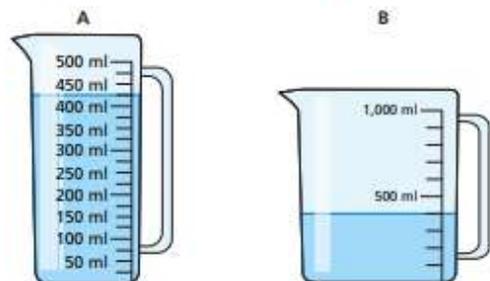
Container _____ has the most liquid.

Explain your answer.

5 300 ml is greater than 1 litre because 300 is greater than 1

Do you agree with Alex? _____

Explain your answer.

6 Here is the capacity of four different containers.

A	B	C	D
400 ml	99 ml	3 litres 400 ml	2 litres

Put the containers in order of capacity.

Start with the smallest capacity.

least   most

7 Esther is comparing the capacity of different containers.

a) Esther has two bottles of water.

She pours them into some glasses.
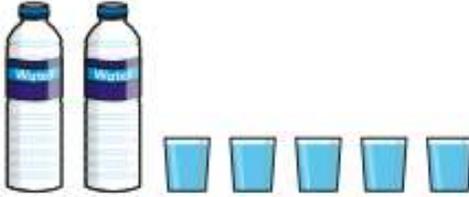
Which holds more water – a bottle or a glass? _____

b) Esther has two more bottles of water.

She pours them into two jugs.

Which holds more water – a jug or a bottle? _____

8 Jack has three jugs of water.

He pours one jug of water into a large container.

He then pours the other jugs of water in.

Draw a line on the container to show where the water will reach.

Lesson 2 Add and subtract capacity - Watch the online explanation video first, and then answer the questions below:

1 Brett has some jugs of water.

A

1,000 ml

500 ml

B

1,000 ml

500 ml
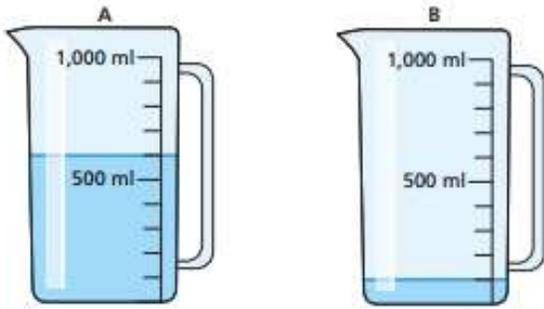
a) How much water is in jug A? ⬚ ml

b) How much water is in jug B? ⬚ ml

c) Brett pours the water from jugs A and B into jug C.

What is the total amount of water in jug C? ⬚ ml

2 Kim has some bottles of juice.

3l   2l   1l

10 litres

a) How much juice does she have altogether? ⬚ l

b) She pours all the juice into a jug.

Draw a line on the jug to show how much juice there is.

3 Mo has two jugs of water.

A

5 litres
4 litres
3 litres
2 litres
1 litre

B

5 litres
4 litres
3 litres
2 litres
1 litre
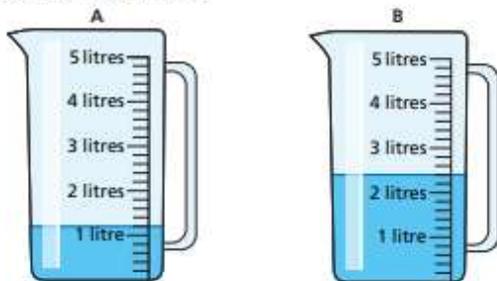
How much water does Mo have in total?

Mo has ⬚ litres and ⬚ ml

4 Dani has 1 litre 500 ml of juice in a bottle.

She pours some of the juice into a jug.

1 l 500 ml   500 ml

How much juice is in the **bottle** now? ⬚ l ⬚ ml

5 A fish tank has 3 litres 700 ml of water in it.

The capacity of the fish tank is 4 litres 900 ml.

How much more water can fit in the fish tank?

6 A carton holds 200 ml of milk.

A bottle holds 300 ml of milk.

200 ml   300 ml
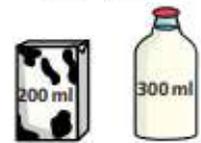
a) Three milk cartons are emptied into a jug.

Draw a line on the jug to show how much milk there is.

1 litre
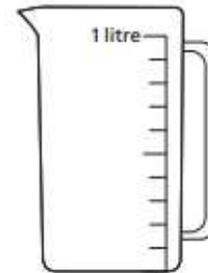
b) How many bottles can be filled by the milk in the jug?

⬚ bottles

7 Complete the number sentences.

a) 1 l 400 ml + 3 l 150 ml = ⬚ l ⬚ ml

b) 7 l 950 ml + 2 l 12 ml = ⬚ l ⬚ ml

c) 25 l 350 ml – 11 l 220 ml = ⬚ l ⬚ ml

d) 50 l 729 ml – 28 l 728 ml = ⬚ l ⬚ ml

e) 1 l – ⬚ ml = 300 ml

8 Tommy and Rosie each have a measuring jug with some water inside.

Tommy

5 litres

Rosie

10 litres
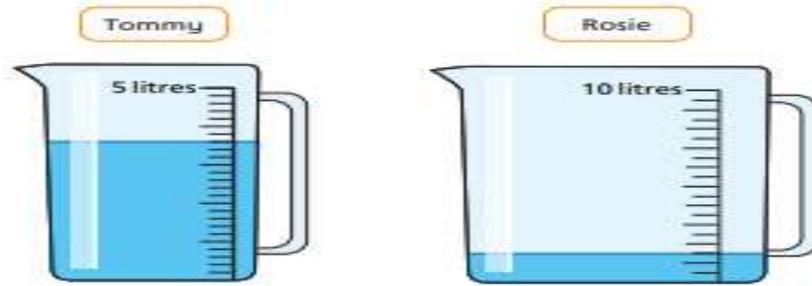
They want to put all their water into one jug.

Rosie decides to pour her water into Tommy's jug.

I do not think it will fit!

Tommy

Of course it will!

Rosie
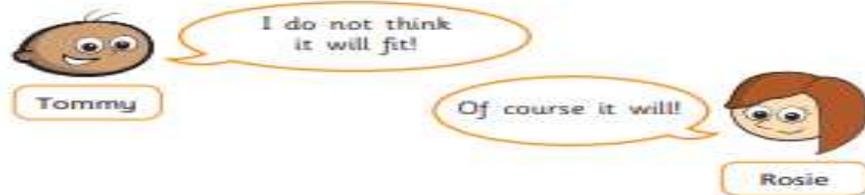
Who is correct? _____

Talk about it with a partner.

Lesson 3 – Pictograms - Watch the online explanation video first, and then answer the questions below:

1 The pictogram shows the number of ice creams sold each day.

Day	Number of ice creams sold
Monday	🍦🍦🍦🍦
Tuesday	🍦🍦
Wednesday	🍦🍦🍦🍦🍦🍦🍦
Thursday	🍦🍦
Friday	🍦🍦🍦🍦
Saturday	🍦🍦🍦🍦🍦🍦🍦🍦🍦🍦
Sunday	🍦🍦🍦🍦🍦🍦

Key 🍦 = 5 ice creams

a) On which day were the most ice creams sold?

_____

b) On which two days were 20 ice creams sold?

_____

c) How many ice creams were sold on Thursday? ☐

d) How many more ice creams were sold on Friday than Thursday? ☐

e) More ice creams were sold in total on Saturday and Sunday than during the rest of the week.

Do you agree? _____

Show your workings.

2 The pictogram shows the colour of cars parked in a car park.

Colour	Number of cars in car park
Red	🚗🚗🚗🚗🚗
Blue	🚗🚗🚗🚗🚗
White	🚗🚗🚗🚗🚗🚗🚗
Yellow	🚗🚗

Key 🚗 = 2 cars

a) How many parked cars are red? ☐

b) How many parked cars are blue? ☐

c) How many cars are parked in total? ☐

d) Write a question about the pictogram.

_____

_____

Can a partner answer your question?

3 Class 3 are asked how many pets they have.

Here are the results.

Children with 0 pets	8
Children with 1 pet	14
Children with 2 pets	9
Children with 3 or more pets	2

a) Eva starts a pictogram to show the results.
Complete the pictogram and the key.

Key △ = ☐ pets

Pets	
0 pets	▲ ▲ ▲ ▲
1 pet	
2 pets	
3 or more pets	

b) How did you know what value to choose for the key?

4 Amir wants to use a pictogram to represent this data.

	Minutes spent on the bus
Monday	60
Tuesday	20
Wednesday	50
Thursday	50
Friday	80

a) What symbol could Amir use? Draw a key to show what each symbol represents.

b) Draw the pictogram for Amir.

Monday	Tuesday	Wednesday	Thursday	Friday

c) Compare pictograms with a partner.

What is the same and what is different?

Lesson 4 – Bar Chart - Watch the online explanation video first, and then answer the questions below:

1 All the children in Class 3 choose their favourite fruit.

The bar chart shows the results.

Our favourite fruit
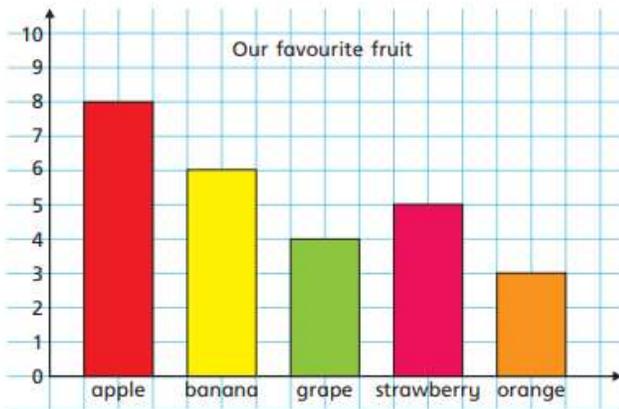
Use the bar chart to answer the questions.

a) What is the most popular fruit? _____

b) How can you tell just by looking?

_____

c) What is the least popular fruit? _____

d) How many more children like apples best than like grapes best? ☐

e) How many children are there in Class 3? ☐

2 Some children are asked how they get to school.

The tally chart shows the results.

Method	Tally	Total
Walk	ЖЖ ЖЖ IIII	
Bike	III	
Car	ЖЖ III	
Bus	ЖЖ II	

a) Complete the chart.

b) Draw a bar chart to represent the data.

Title: _____

walk   bike   bus

c) Which chart do you prefer? Tick your answer.

tally chart ☐   bar chart ☐

What are your reasons?

3 The pictogram shows the number of ice creams sold each day.

Day	Number of ice creams sold	Key 🍦 = 5 ice creams
Monday	🍦🍦🍦🍦	
Tuesday	🍦🍦	
Wednesday	🍦🍦🍦🍦🍦🍦	
Thursday	🍦🍦	
Friday	🍦🍦🍦🍦	
Saturday	🍦🍦🍦🍦🍦🍦🍦🍦🍦🍦	
Sunday	🍦🍦🍦🍦🍦🍦	

Draw a bar chart to represent this data.

Title: _____

Mon   Tue   Wed   Thu   Fri   Sat   Sun
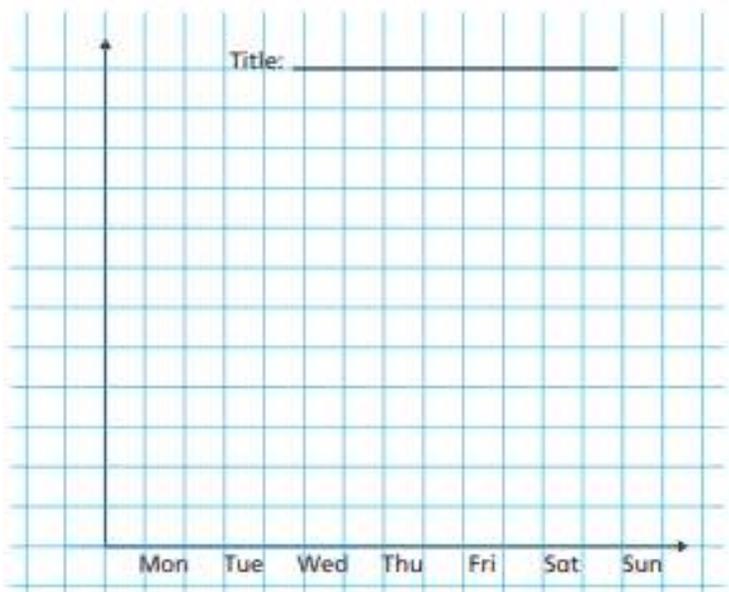
4 The bar charts show the number of gold medals won by some countries in the Summer and Winter Olympics.

Summer Olympics 2016

USA	
Germany	
France	

0   10   20   30   40   50
Number of gold medals

Winter Olympics 2018

USA	
Germany	
France	

0   5   10   15
Number of gold medals
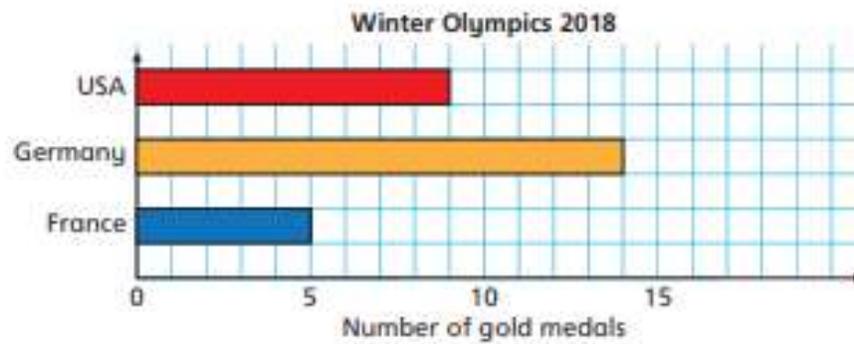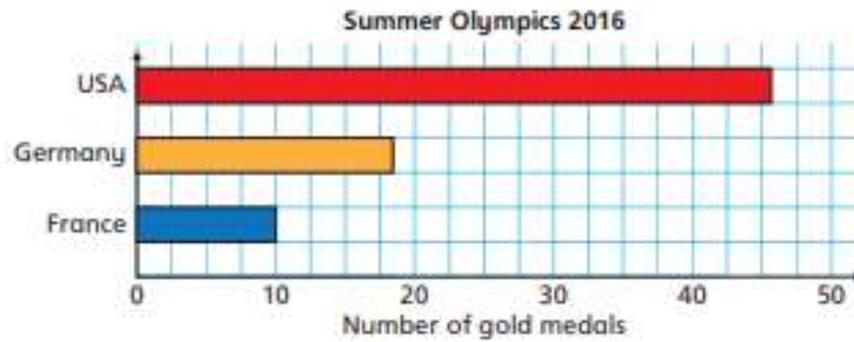
a)
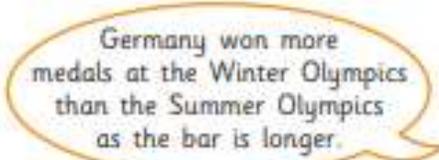
Germany won more medals at the Winter Olympics than the Summer Olympics as the bar is longer.

Is Mo correct? _____

How do you know?

b) Which country won the most medals in total?

_____

Maths Year 4 – Symmetry and Coordinates

Lesson 1 – **Lines of Symmetry** - Watch the online explanation video first, and then answer the questions below:

1 Tick the shapes that have at least one line of symmetry.
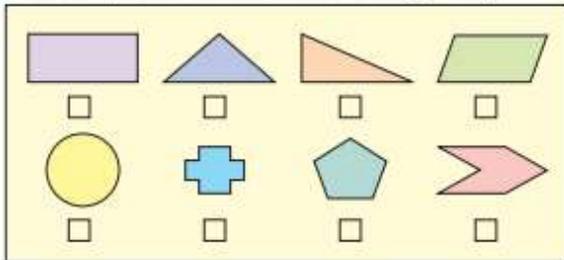
2 Tick the shapes that show a correct line of symmetry.
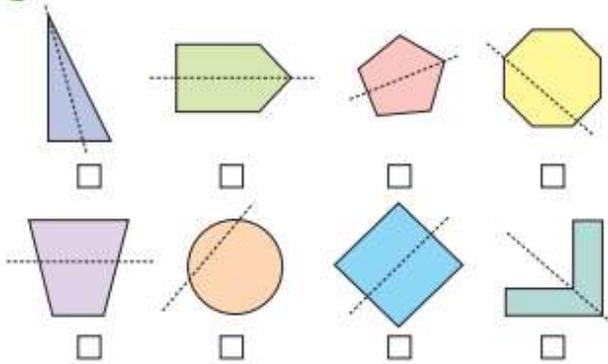
How did you know which shapes to tick?

3 Draw one line of symmetry on each shape.

a)

b)

c)

d)

e)

f)

g)

h)
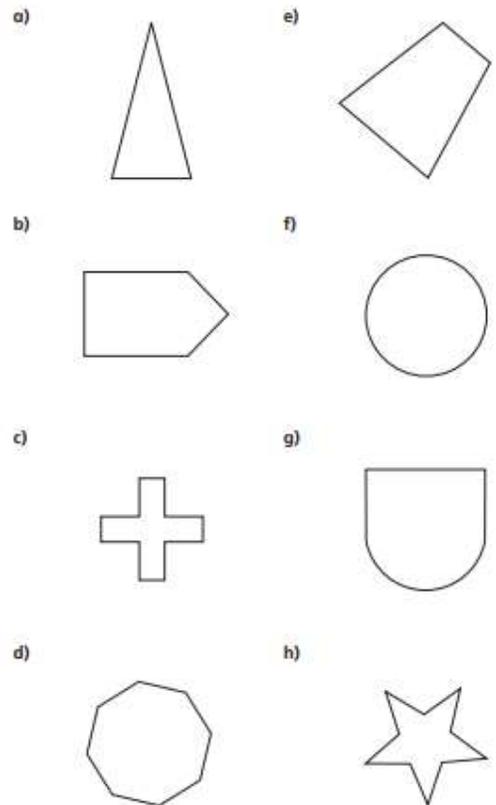
Is there more than one possible answer for each?

4 Sort the shapes into the table.

The first one has been done for you.

A   B   C   D

E   F   G   H

	1 line of symmetry	More than 1 line of symmetry	No lines of symmetry
Triangle			
Quadrilateral		A	

5 Tommy is folding a paper circle to find lines of symmetry.

A circle has lots of lines of symmetry!
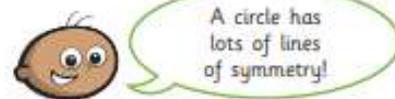
Do you agree with Tommy? _____

Talk about it with a partner.

6 Here are 3 logos.

White Rose Maths

All of these logos have lines of symmetry because they're circles.
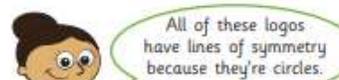
Dora

I disagree because the design on them isn't symmetrical.

Mo

Who do you agree with? _____

Talk about it with a partner.

7 Shade a maximum of 8 squares to make a symmetrical shape.
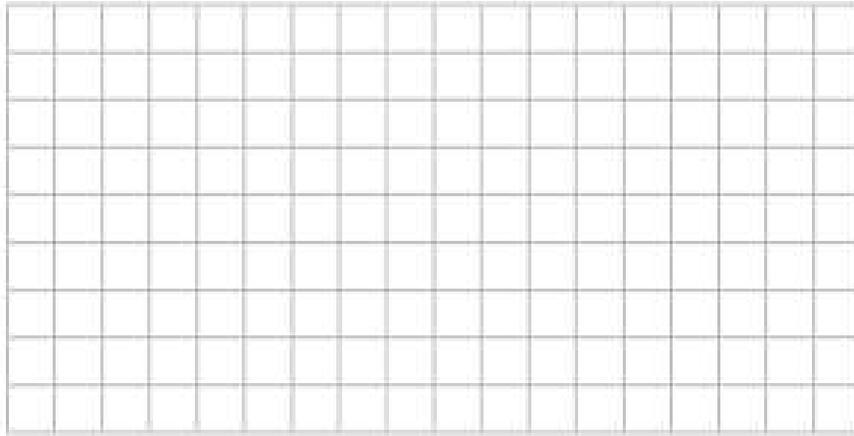
Compare answers with a partner. How many different shapes can you make?

Lesson 2 – Complete a symmetric figure - Watch the online explanation video first, then answer the questions below:

1 Shade squares to make the patterns symmetrical.

a)

c)

b)

d)
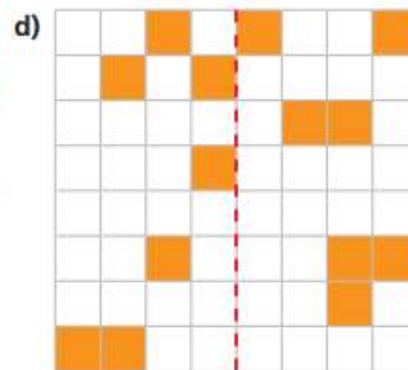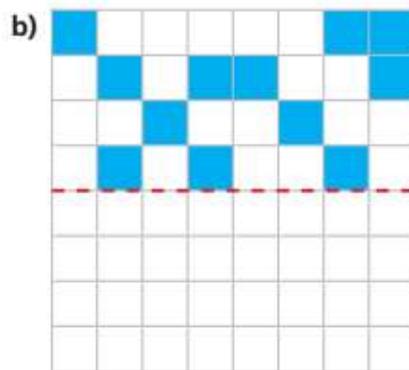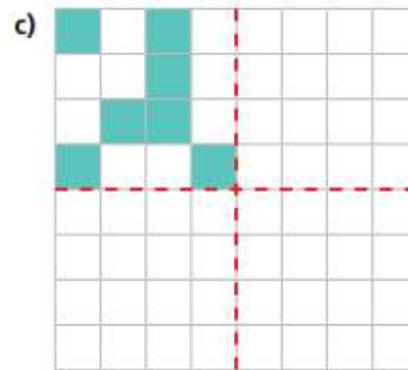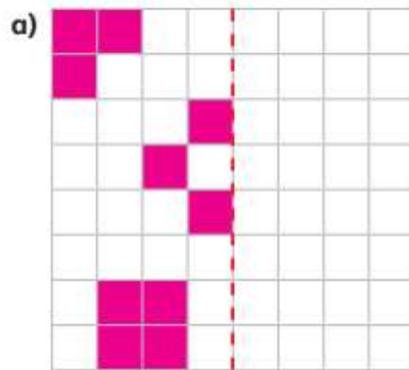
Compare methods with a partner.

1 Complete the shapes according to the lines of symmetry.
Name each shape once you have drawn it.

a)

c)

b)

d)
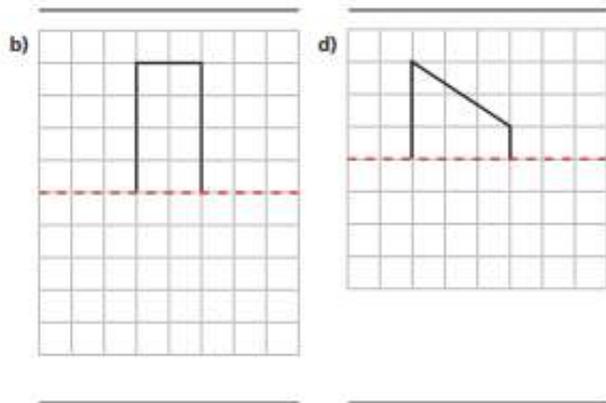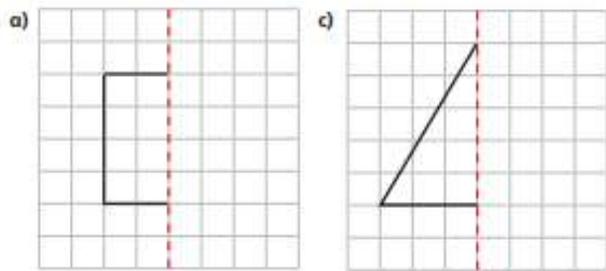
3 Reflect the shapes in the given mirror line.

a)

b)
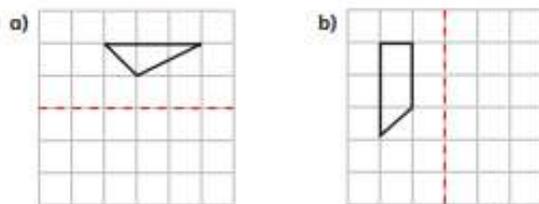
4 Each pattern is symmetrical around the mirror line.
Complete the patterns.

a)

b)

c)
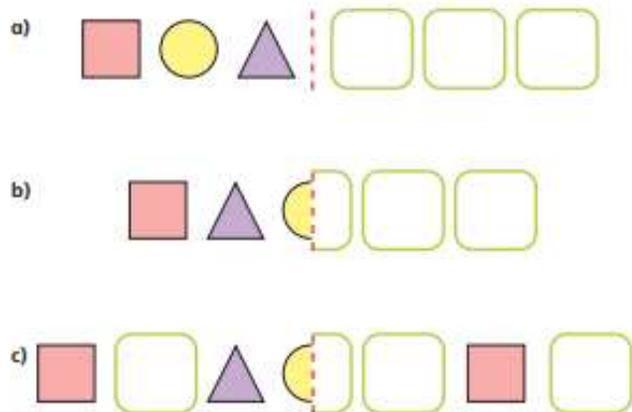
5 Shade squares to make the patterns symmetrical.

a)

b)
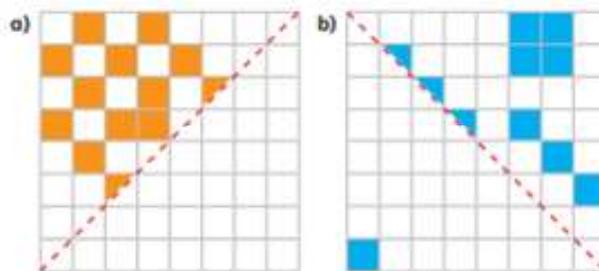
6 Complete the symmetric figures.

a)

c)

b)

d)
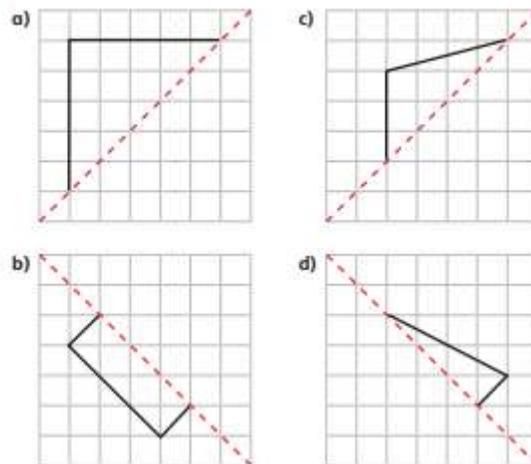
7 Complete the symmetric figure.
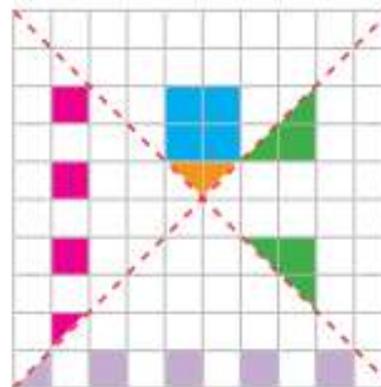
Create your own question like this for a partner.

Lesson 3 – Describe a position - Watch the online explanation video first, then answer the questions below:

1 Here is a map of part of a town.
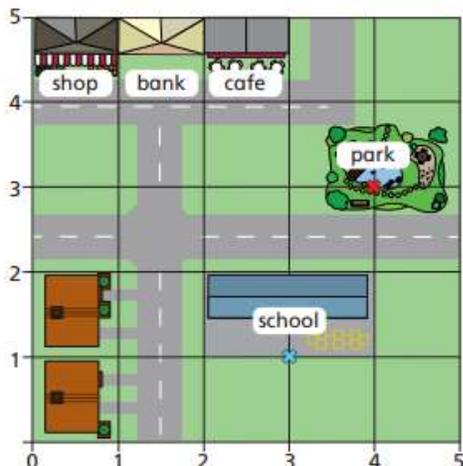
a) Which place is next to the shop? _____

b) Which place is next to the bank and close to the park? _____

c) The front gates of the school have been marked with a cross. Write the coordinates of the school gates. (☐ , ☐)

d) The slide in the park has been marked with a cross. Write the coordinates of the slide. (☐ , ☐)

3 Some shapes are drawn on a grid.
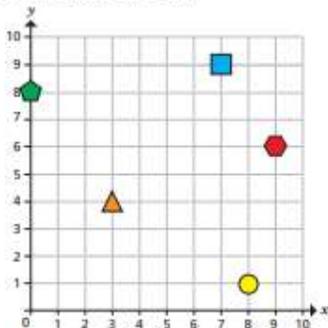

a) Tommy, Dora and Eva are working out the coordinates of the pentagon.

Dora: The coordinates of the pentagon are (0, 8).

Tommy: The coordinates of the pentagon are (8, 0).

Eva: I think you are both right!

Who is correct? _____
Talk about it with a partner.

b) Write the coordinates of the other shapes.

square (☐ , ☐)   triangle (☐ , ☐)

circle (☐ , ☐)   hexagon (☐ , ☐)

2 A map of the world is drawn on a grid. Some locations are marked at points A to E.
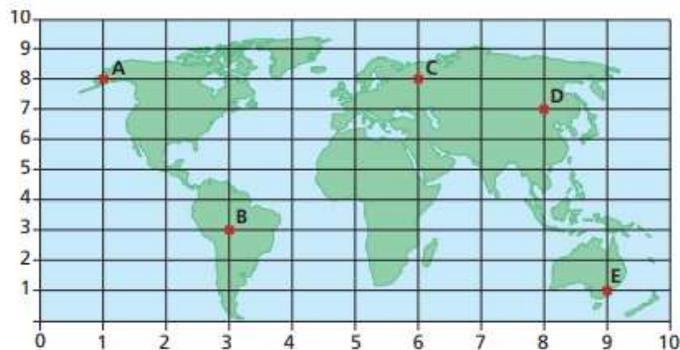
a) Which point is at the bottom right of the grid?

_____

b) Which two points are to the left of point C on the map?

_____ and _____

c) Write the coordinates of each location.

A (☐ , ☐)   D (☐ , ☐)

B (☐ , ☐)   E (☐ , ☐)

C (☐ , ☐)

4 Six points are drawn on a grid.
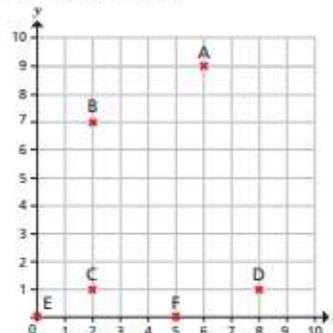
a) Write the coordinates of each point.

A (☐ , ☐)   C (☐ , ☐)   E (☐ , ☐)

B (☐ , ☐)   D (☐ , ☐)   F (☐ , ☐)

b) Teddy and Alex each choose a point.

Teddy: Our x coordinates are the same.

Alex: My y coordinate is greater than Teddy's.

What points have Alex and Teddy chosen?

Alex (☐ , ☐)   Teddy (☐ , ☐)

Lesson 4 – Draw on a grid - Watch the online explanation video first, then answer the questions below:

1 The cards show the coordinates of six points.

A (4, 4)   B (2, 3)   C (6, 4)

D (10, 8)   E (0, 5)   F (9, 0)

Plot and label the points on the grid.
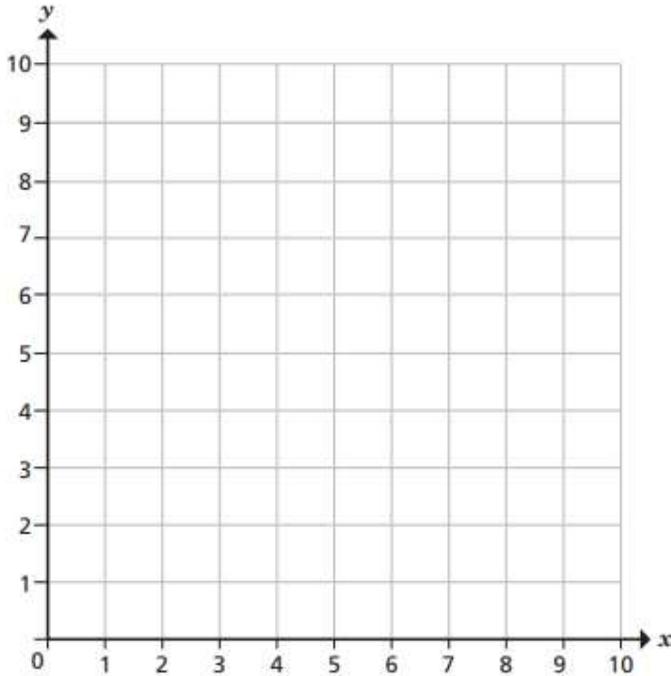
Compare answers with a partner.

2 Here are the coordinates of three points.

X (1, 3)   Y (2, 5)   Z (3, 7)

a) Plot and label the points on the grid.
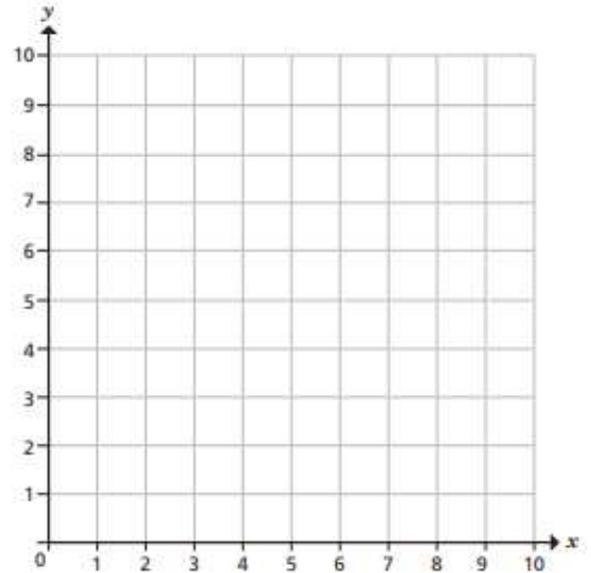
b) Join up the points.

What do you notice?

c) Write the coordinates of two other points that fit this pattern.

(☐ , ☐) and (☐ , ☐)

Compare answers with a partner.

3 Here are the coordinates of the vertices of a rectangle.

(1, 1)   (5, 1)   (1, 3)   (5, 3)

Draw the rectangle on the grid.
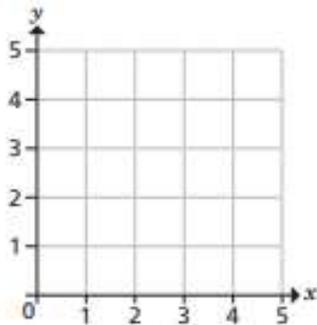
4 Two squares are drawn on a grid.

Here are the coordinates of the vertices of each square.

Square A (1, 1) (1, 3) (3, 3) (3, 1)

Square B (2, 2) (2, 4) (4, 4) (4, 2)

a) Do you think the squares will overlap? _____

b) Draw on the grid to check your answer.
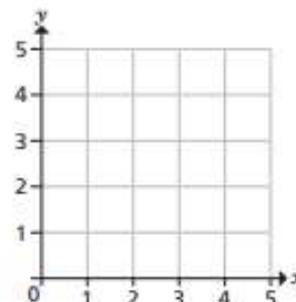
5 Two vertices of a triangle are shown on the grid.
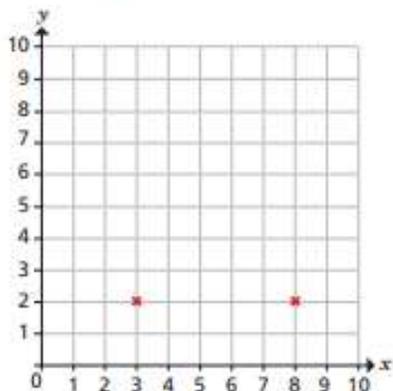
a) What are the coordinates of the two vertices shown?

(☐ , ☐) and (☐ , ☐)

b) Give a possible coordinate for the third vertex, if the triangle is right-angled.

(☐ , ☐)

c) Give a possible coordinate for the third vertex, if the triangle is isosceles.

(☐ , ☐)

Compare answers with a partner.

6 The coordinates of one vertex of a square are (10, 10).

Give possible coordinates for the other three vertices.

(☐ , ☐)   (☐ , ☐)   (☐ , ☐)

How many different answers can you find?

Reading:

All reading that your child does is critical to their reading development. From reading their reading books to recipe books and non-fiction books and everything in between. Please keep a record of the reading you are doing in your child's reading record. The children's Accelerated Reader login and password details are in their reading records.

Accelerated Reader website: https://ukhosted97.renlearn.co.uk/6704931/default.aspx

Each child has been set a reading activity on Purple Mash which suits their reading ability. Your child has been set one of these books:

- Tale of Ostrich and a Very Long Neck (chapters 1-5 and their linked activities)
- Beth on the Nile (chapters 6-7 and their linked activities) and Lupe of the pack (chapters 1-2 and their linked activities)
- Just the Beginning (Chapters 3-6 and their linked activities)

English:

The Lower Junior teachers are feeling a little nostalgic this week, and in Literacy we would like you to write about your favourite times in Years 3 and 4. What activities do you remember? What made you laugh? What were your fondest memories? What didn't you enjoy so much? Why? We have included some prompts for you to use, but this is really your opportunity to let us know ALL about your time in Class 6, 7 or 8. In addition to looking back, we would like you to take the time to let your new teacher learn a little about you. Once class lists have been finalised, we will ensure these are passed up to your new teacher.

Task 1:

My A to Z of the year!

twinkl
www.twinkl.co.uk

A _____
B _____
C _____
D _____
E _____
F _____
G _____
H _____
I _____

J _____
K _____
L _____
M _____
N _____
O _____
P _____
Q _____
R _____

S _____
T _____
U _____
V _____
W _____
X _____
Y _____
Z _____

Write down something you have learnt for each letter of the alphabet!

Task 2:

My Favourite Memories from This Year!

My friends:

My favourite moment:

Memories I will treasure:

My favourite activity:

What I love the most about this year: _____

_____

_____

_____

_____

Task 3:

Letter to Your Teacher

This is your chance to write a letter to your new teacher telling them everything they need to know about you. Your teacher would like to know about you, your family, hobbies and interests. It is also important to include information about your school life. Which subjects do you enjoy and feel confident about? Which subjects do you find challenging?

Dear _____.

I am writing to tell you _____

_____

_____

_____

_____

_____

In school, I am good at _____

_____

_____

_____

_____

I find _____ a bit challenging because _____

_____

_____

_____

_____

Yours sincerely,

_____

Task 4:

All About Me Selfie Writing Activity

Selfie
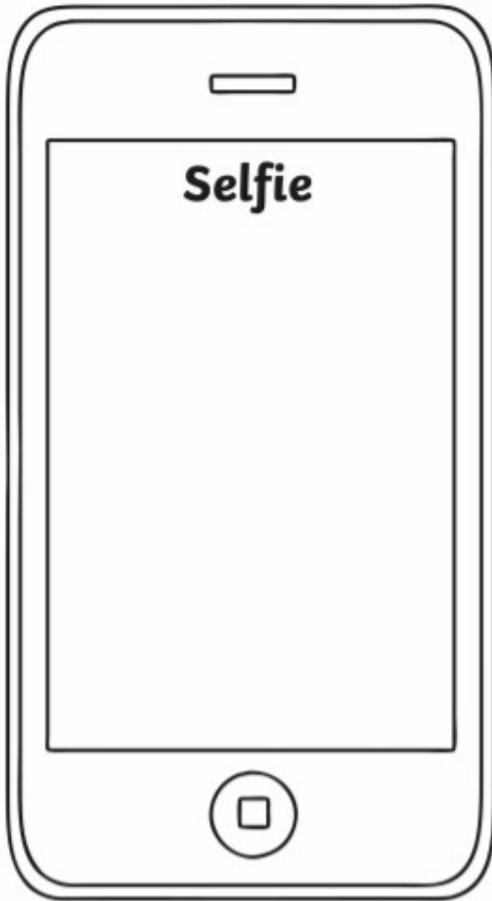
Name: _____

I am ◯ years old.

Things I love:

Subject:

Food:

Colour:

Book:

Hobby:

Three words that describe me:

1. _____
2. _____
3. _____

Please remember that any completed work should be emailed to your class teacher.

Handwriting Worksheets:

UNIT

5

Focus

Name _____ Date _____

ele

A Trace and write the pattern and letters.

llll   llll

ate ate
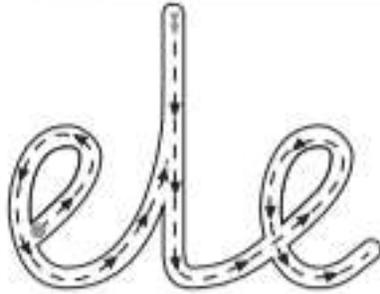
dle dle

ele ete

B Trace and write the words.

candle

handle

camel

cancel

metal

signal

Practising joining to and from the letter l

Name _____ Date _____

A Homonyms are words that have two meanings.
Trace and write the words.

flare

float

flag

B Trace and write the sentences.
Fill in each gap with the correct homonym from above.

I watched the boat _____ on the water.

My mum needed a _____ for her stall.

Name _____ Date _____

A Trace and write the pattern and letters.

uuuuu   uuuuu

ly ly

ky ky

ny ny

B Trace and write the words.

jelly

fatty

smoky

cheeky

sunny

Practising joining to the letter y

Add *ly* or *ny* to these words. Trace and write the words.

proud   proudly

quiet

friend

near

fun   funny

run

sun