BRIDESTOWE PRIMARY SCHOOL

'With Respect and Ambition, We Flourish Together.'

Homework – Summer 1

Barn Owls Year 6

Dartmoor Multi Academy Trust

...everyone in our Trust.

| WEEKLY EXPECTATIONS	
Reading	***Please read with your child at least 5 times per week.*** In the front of their yellow reading record are some comprehension questions that you can adapt to the book that your child is reading. ***Please record every time*** your child reads to you – no matter their age!
Maths	All children are encouraged to practise their times tables on TimesTablesRockStars on a weekly basis at home. Your child has also been sent home with a mathematics folder. Each sheet correlates with the work that they are doing in class that week. Therefore, please only ***complete the sheet with the correct week on***. Some activities may involve using manipulatives and mathematical language rather than written mathematics. Please note down any relevant information you feel a teacher may need to know on this style question. ***Please return the folder by Thursday 23rd May*** so your class teacher can set the following half terms tasks during the holidays.

HALF TERMLY PROJECTS

These activities are linked to the children's wider curriculum learning. Please choose one project from below, complete and ***bring into school by Thursday 23rd May*** to share with the children in their class.

English / History:

Write a letter to your family in London, as a child who has been sent to live in Bridestowe as an evacuee during the Second World War. Write about life in the village and their concerns for their parents living in London.

Maths:
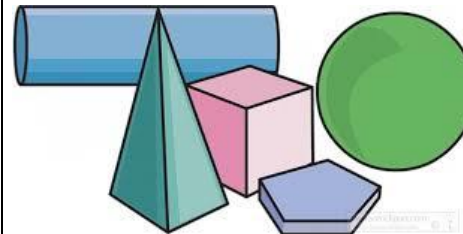
Create your own knowledge organiser with labelled pictures, vocabulary, and formula for other children learning about shape, area, perimeter, geometry based on your learning in class this half term.
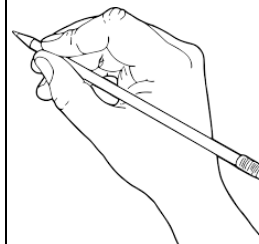
Computing:

Create a leaflet to advise adults and children on search engines, how to use them effectively and safely.

Art:

Using your sketching techniques from art lessons this year, sketch a building that is significant to you.

BRIDESTOWE PRIMARY SCHOOL

'With Respect and Ambition, We Flourish Together.'

Barn Owls Year 6 Maths

WC: 15.04.24

Dartmoor
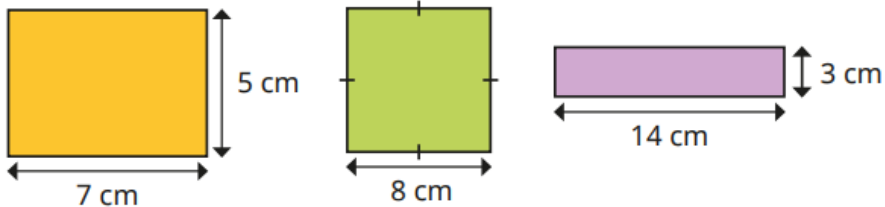Multi Academy
Trust
...everyone in our Trust.

WHITE ROSE MATHS

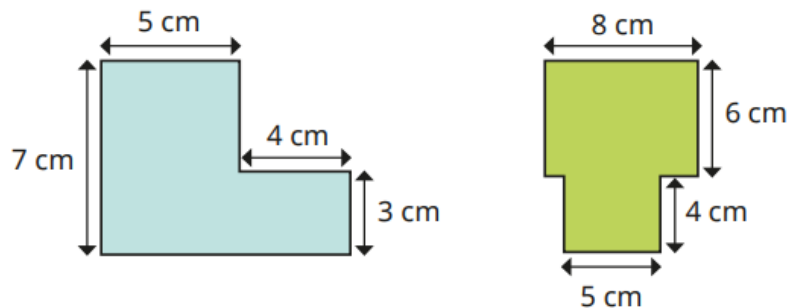This week for homework we are looking at: area and perimeter of shapes Year 6 Spring Block 5 TS1 Shapes same area on Vimeo
Year 6 Spring Block 5 TS2 Area and perimeter on Vimeo
Here are some activities matched to these objectives that would support your child's learning. Thank you for your support.
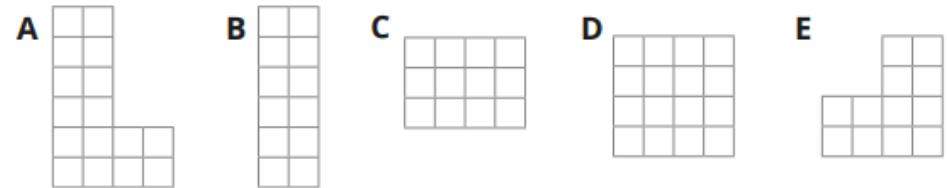
Find the areas of the rectangles.

5 cm

7 cm

8 cm

3 cm

14 cm

Each square represents 1 cm²

A   B   C   D   E

► Which shapes have an area of 12 cm²?

► Which shapes have an area of 16 cm²?

► Why is there more than one representation for each?

Find the area and perimeter of each shape.

5 cm

7 cm

4 cm

3 cm

8 cm

6 cm

4 cm

5 cm

Draw as many rectangles as possible that have these areas.

All the side lengths should be whole numbers.

► 36 cm²   ► 16 cm²   ► 17 cm²

What do you notice about your last answer?

BRIDESTOWE PRIMARY SCHOOL

'With Respect and Ambition, We Flourish Together.'

Barn Owls Year 6 Maths

WC: 22.04.24

Dartmoor
Multi Academy
Trust
...everyone in our Trust.

WHITE ROSE MATHS

This week for homework we are looking at: area of right angle triangles

Year 6 Spring Block 5 TS3 Area of a triangle counting squares on Vimeo
Year 6 Spring Block 5 TS4 Area of a right angled triangle on Vimeo

Here are some activities matched to these objectives that would support your child's learning. Thank you for your support.

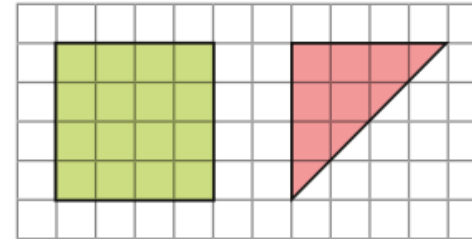Complete the sentences to find the area of the triangles.
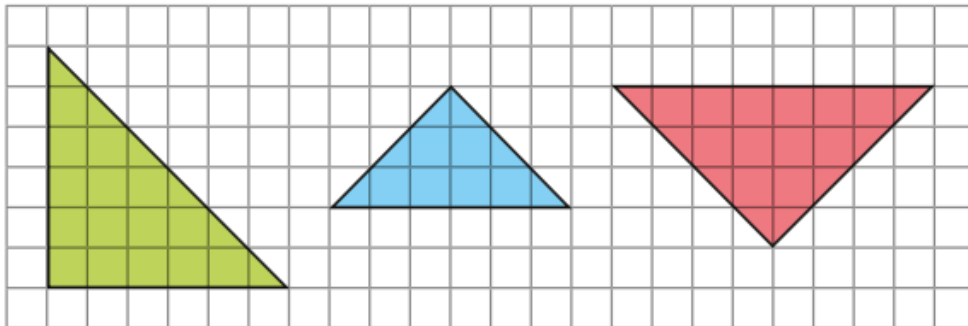
The triangle has _____ full squares.

The triangle has _____ half squares.

_____ + _____ = _____

The total area of the triangle is _____ cm²

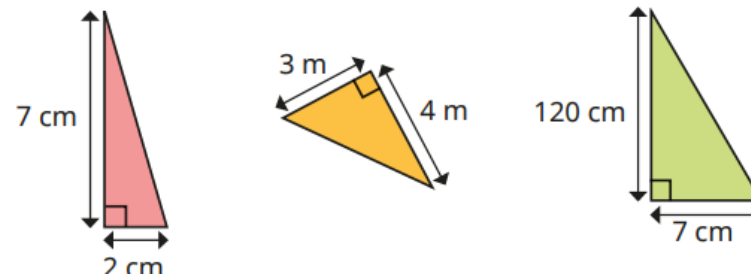Work out the area of each shape by counting squares.

What do you notice about the area of the triangle compared to the area of the square?

Does this always happen?

Draw a rectangle and a triangle to explore the pattern.

Area = ½ x base x perpendicular height

Use the formula to find the areas of the triangles.

7 cm
2 cm

3 m
4 m

120 cm
7 cm

BRIDESTOWE PRIMARY SCHOOL

'With Respect and Ambition, We Flourish Together.'

Barn Owls Year 6 Maths

WC: 29.04.24

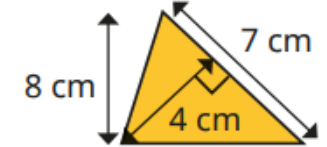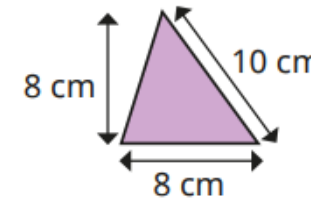Dartmoor Multi Academy Trust
...everyone in our Trust.

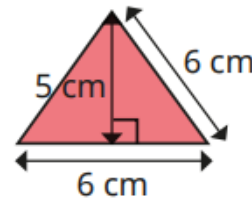## WHITE ROSE MATHS

This week for homework we are looking at:area of triangles and parallelograms Year 6 Spring Block 5 TS5 Area of any triangle on Vimeo Year 6 Spring Block 5 TS6 Area of a parallelogram on Vimeo

Here are some activities matched to these objectives that would support your child's learning. Thank you for your support.
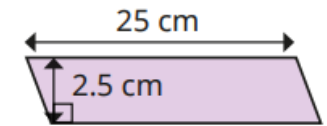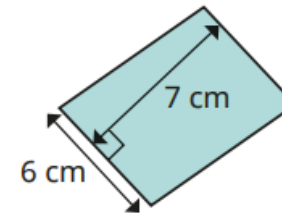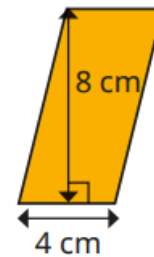
Find the area of each triangle.

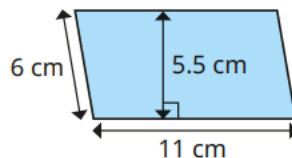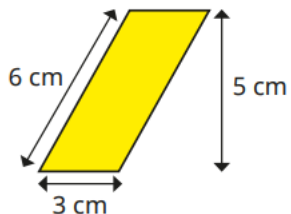Calculate the area of each shape.
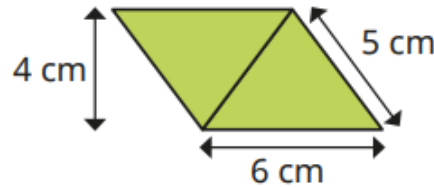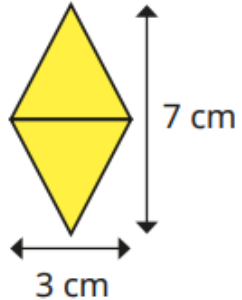
Area of a parallelogram = base x perpendicular height

Use Annie's method to find the areas of the parallelograms.
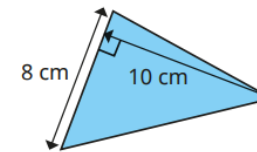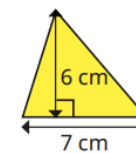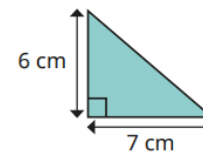

Label the base b and perpendicular height h on each parallelogram.

Then find the area of each shape.

Work out the areas of the triangles.

What is the same and what is different about the first two triangles?

BRIDESTOWE PRIMARY SCHOOL

'With Respect and Ambition, We Flourish Together.'

Barn Owls Year 6 Maths

WC: 06.05.24

Dartmoor
Multi Academy
Trust
...everyone in our Trust.

WHITE ROSE MATHS

This week for homework we are looking at:graphs and bar charts

Year 6 Spring Block 6 TS1 Line graphs on Vimeo

Year 6 Spring Block 6 TS2 Dual bar charts on Vimeo

Here are some activities matched to these objectives that would support your child's learning. Thank you for your support.

The table shows the height a rocket reached between 0 and 60 seconds.

Time (seconds)	0	10	20	30	40	50	60
Height (metres)	0	8	15	25	37	50	70

Draw a line graph to represent the information.

Discuss with a partner what is the same and what is different about the line graphs.
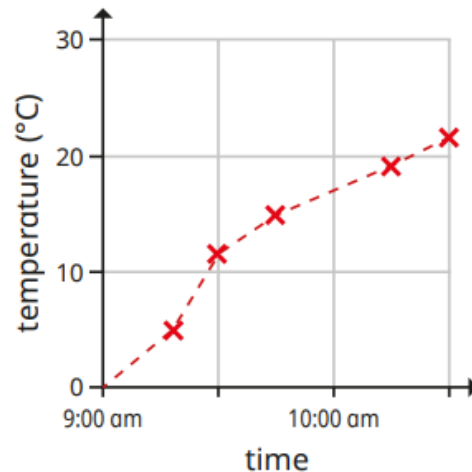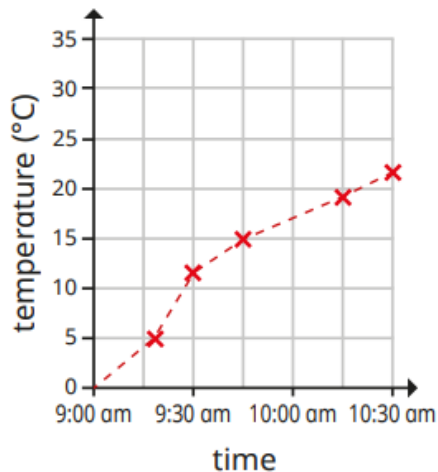
▶ What is the temperature at 9:45 am?

▶ At what time was the temperature approximately 12 °C?

Years 2 to 6 are raising money for charity.

The amount each year group raised in September and October is recorded in the dual bar chart.
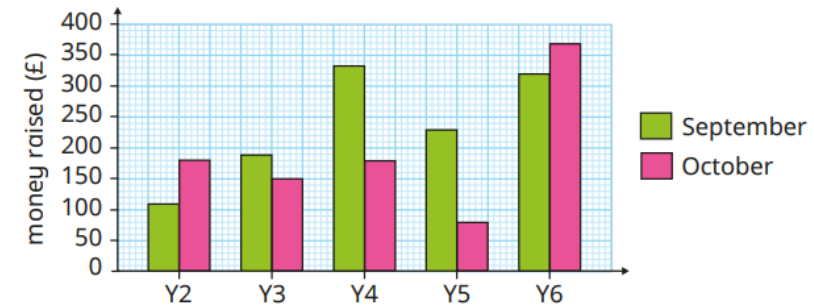
▶ How much money was raised in September? How much was raised in October?

▶ Estimate how much more money Year 4 raised than Year 5 in October.

▶ Which year group has raised the most money so far?

▶ How much money was raised altogether in September and October?

▶ How much money in total have all five classes raised so far?

What else can you find out?

BRIDESTOWE PRIMARY SCHOOL

'With Respect and Ambition, We Flourish Together.'

Barn Owls Year 6 Maths

WC: 13.05.24

Dartmoor
Multi Academy
Trust
...everyone in our Trust.

WHITE ROSE MATHS

This week for homework we are looking at:pie charts and percentages. Year 6 Spring Block 6 TS3 Read and interpret pie charts on Vimeo
Year 6 Spring Block 6 TS4 Pie charts with percentages on Vimeo

Here are some activities matched to these objectives that would support your child's learning. Thank you for your support.

The pie chart shows how 600 children travel to school.

- walk (W)
- bus (B)
- car (C)
- train (T)

Work out how many children use each method to travel to school.

Some children in a class were asked to name their favourite sport.

The results are shown in the pie chart.
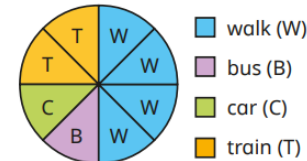

Write **more** or **less** to complete the sentences.

▶ _____ than half of the class have cricket as their favourite sport.

▶ _____ than a quarter of the class have football as their favourite sport.

Discuss with a partner what other sentences you can write about the information in the pie chart.
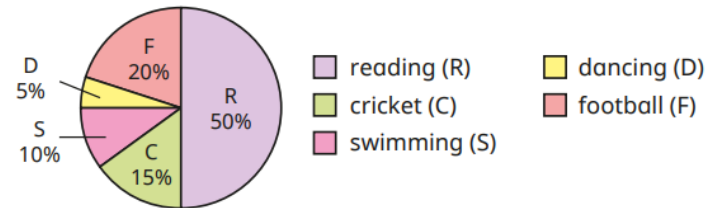
200 children in Key Stage 2 chose an after-school activity.

The pie chart shows the results.

- reading (R)
- cricket (C)
- swimming (S)
- dancing (D)
- football (F)

▶ How many children chose each activity?

▶ How many more children chose football than dancing?

50 people were asked to name their favourite destination.

The results were recorded in this table and a pie chart was drawn.

Destination	People
Legoland	12
Disneyland	21
Thorpe Park	6
Alton Towers	11

- Legoland (L)
- Disneyland (D)
- Thorpe Park (T)
- Alton Towers (A)
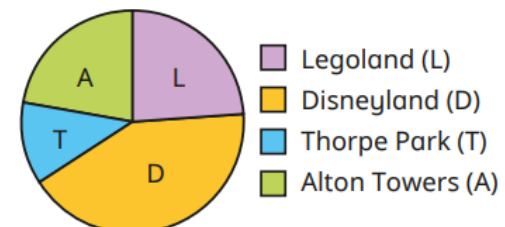
Use the table to help you write the percentages on the pie chart.

BRIDESTOWE PRIMARY SCHOOL

'With Respect and Ambition, We Flourish Together.'

Barn Owls Year 6 Maths

WC: 20.05.24

Dartmoor
Multi Academy
Trust

...everyone in our Trust.

WHITE ROSE MATHS

This week for homework we are looking at :mean averages
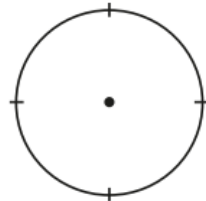
Year 6 Spring Block 6 TS6 The mean on Vimeo

Here are some activities matched to these objectives that would support your child's learning. Thank you for your support.

20 cars drove past a school one morning.

The table shows the colours of the cars.

Complete the table and show the information on the pie chart.

Colour	Number	Fraction of total	% of total
Red	5		
Blue	5		
Black	10		

Three children each drink some glasses of juice.

The table shows a method to find the mean number of glasses of juice that each child had to drink.

Number of glasses per child	Total number of glasses	If each child had the same number of glasses

How does the table show that the mean number of glasses that each child had is 3?

Work out the mean number of slices of pizza eaten by each child.
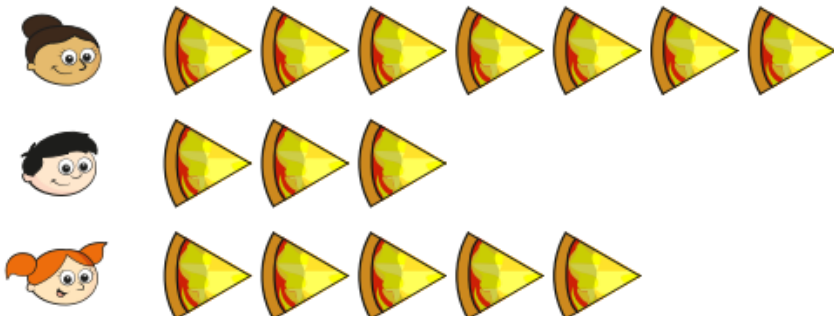
Here are the number of runs Jack scored in seven cricket matches.

> 134, 60, 17, 63, 38, 84, 10

Calculate the mean number of runs Jack scored in a match.