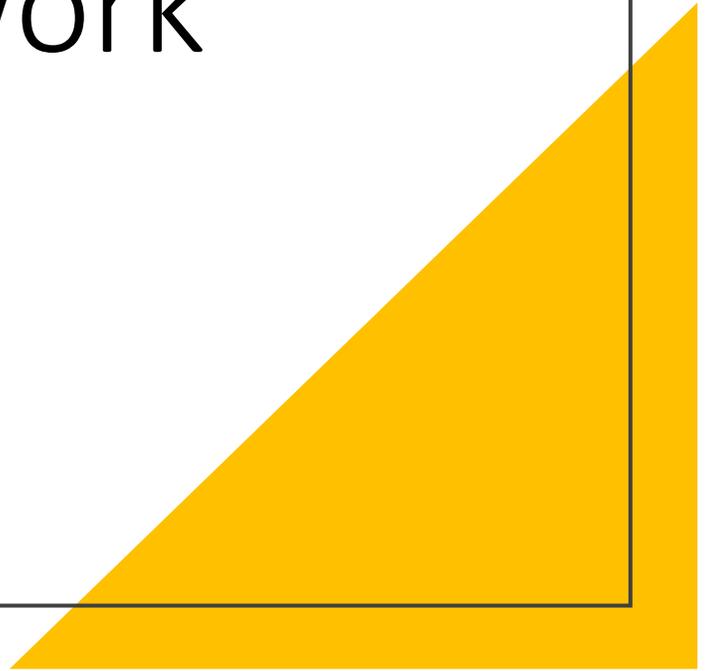


4/03/23

Year 5/6 Math Homework



•Year 5

- Here is a right angle and a straight line.



How many degrees are there in a right angle?

How many degrees are there on a straight line?

- Complete the sentences to describe the types of angles.

acute angles



Acute angles are less than _____°.

obtuse angles



Obtuse angles are greater than _____° but less than _____°.

reflex angles

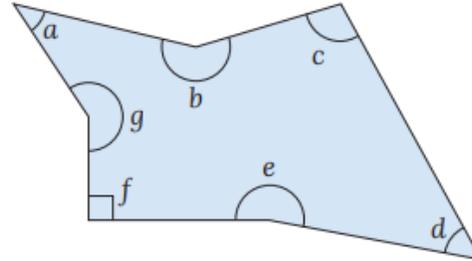


Reflex angles are greater than _____°.

- Draw and label two different diagrams that show each type of angle.

• acute • obtuse • reflex

- Classify angles *a* to *g* as acute, obtuse, reflex or right angle.



- Sort the angles into acute, obtuse and reflex.

23°	123°	91°	359°	99°
190°	19°	181°	89°	165°

- Draw a triangle and a quadrilateral.

For each shape, label the angles as acute, obtuse, reflex or right angle.

Compare diagrams with a partner.

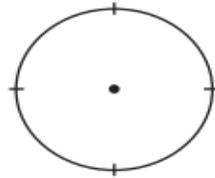
Year 6

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		

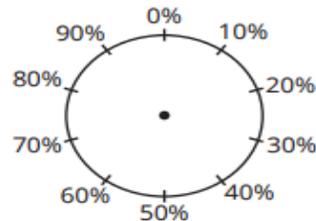


100 people were asked to name their favourite ice cream.

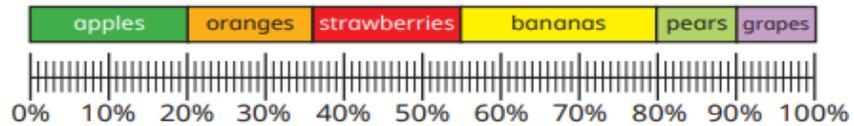
The table shows the results.

Use the information to draw a pie chart.

Flavour	Number	Fraction of total	% of total
Chocolate	10	$\frac{1}{10}$	10%
Vanilla	30		
Strawberry	20		
Mint	40		



- Draw a pie chart using the data shown in the percentage bar model.



What is the same and what is different about the two diagrams?

- The table shows how 36 children travel to school.

Type of transport	Number of children	Angle
Car	12	$12 \times 10 = 120^\circ$
Bike	7	
Walk	8	
Bus	5	
Scooter	4	
Total	36	360°

Complete the table.

Use a protractor to help you draw a pie chart to show the data.