

Year 4 – Class Activities

Tuesday 14th July

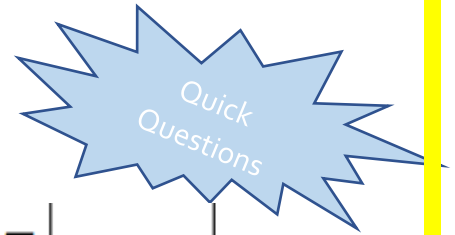
Good morning, Year 4!

It's our last Tuesday!

Make it a good one by being extra kind to everyone you speak to today.

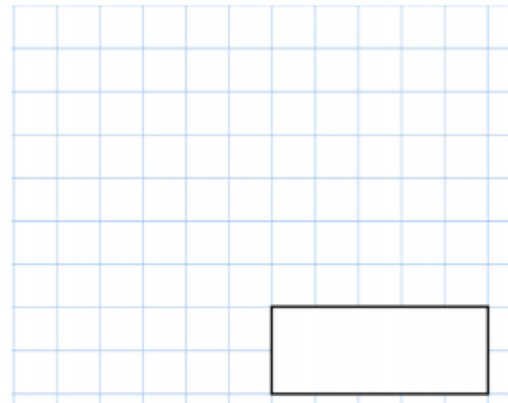
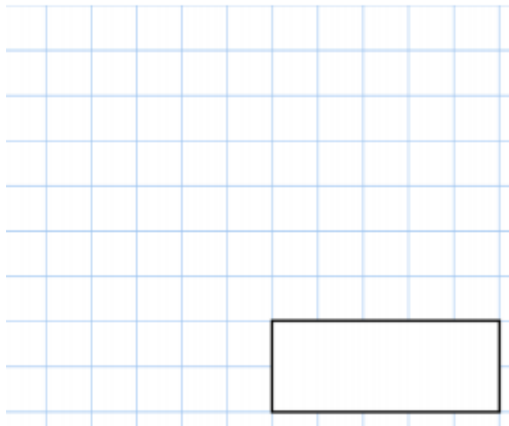
Remember to try your best with the daily activities. Your daily tasks still include: Spellings (via Spelling Shed), MyMaths, TT.Rock Stars and SPAG.com.

Maths

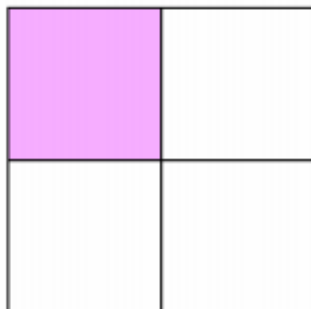


$$549 + 420 + 188$$

$$25 \times 5 = 200 - \square$$



What percentage of the shape is shaded?



The Green Bay Packers won Super Bowl XLV

Write XLV in figures

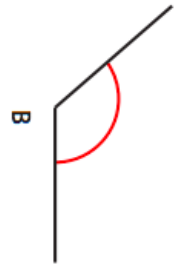
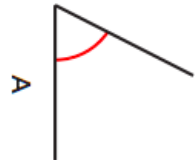


www.MyMaths.co.uk

Use the link above to head to the 'MyMaths' homepage. From there, use our school username and password to enter the site. To find your work, you will need to click 'my portal login' to enter your personal username and password. Your tasks should be under the homework tab. You'll find daily tasks set for the week so you can complete them at your own pace.

You'll find your worksheet below. Today's focus is to compare and order angles.

1 Here are two angles.



- a) Which angle is obtuse?

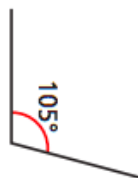
- b) Which angle is acute?

How do you know?

3 Circle the greatest angle in each diagram.



4 Here is an angle.



- a) Draw a smaller angle than 105° in the box on the left.
 b) Draw a greater angle than 105° in the box on the right.
 c) Is this statement true or false?
 The angles are in ascending order of size.

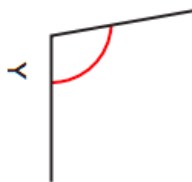
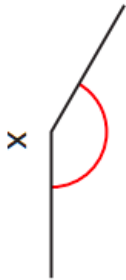
Explain your answer.

5 Order the angles from greatest to smallest.

a)



2 Here are two angles.



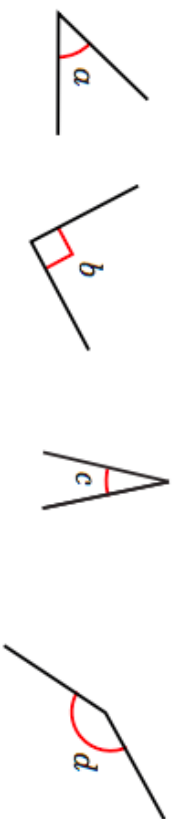
- a) What type of angle is angle X?

- b) What type of angle is angle Y?

- c) Which angle is smaller?

How do you know?

b)

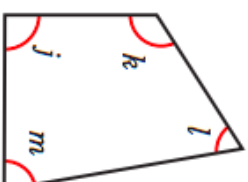


c)



7

Four angles are labelled in the quadrilateral.



a) Which of the angles are acute angles? _____

b) Which of the angles are obtuse angles? _____

c) Write the angles in order of size, starting with the smallest.

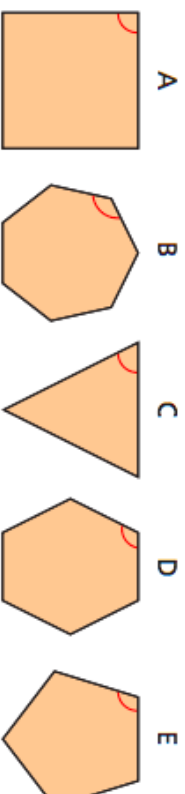
6

Compare and order the angles from smallest to greatest.



8

An interior angle is marked in each polygon.



Order the interior angles of the polygons from smallest to greatest.

What do you notice about the number of sides a polygon has and the size of its interior angle?

Spellings	1 st Attempt	2 nd Attempt	3 rd Attempt
supermarket			
superman			
superstar			
superhuman			
antiseptic			
anticlockwise			
antisocial			
autobiography			
autograph			
automatic			



Prefixes 'super-' 'anti-' and 'auto-'.

Insert the missing letters into your spellings to find a new 'anti-' word.



Water Transportation

The process of water transportation is the way water moves through a plant.

The roots absorb water from the soil.

The stem transports water to the leaves.

Water evaporates from the leaves.

This evaporation causes more water to be sucked up the stem.

The water is sucked up the stem like water being sucked up through a straw.



Transportation Investigation

Scientists carry out investigations to find things out and answer questions.

There are lots of different ways to find things out, such as fair tests, comparative tests, exploring and observing, finding patterns or sorting and classifying.

You are going to carry out an investigation to find out whether temperature affects how fast the stem sucks up water

The best type of investigation to use for this is a **comparative test**, as you can compare what happens to plants in different temperatures.

Today you will investigate how temperature affects how quickly water is transported around a plant.

You will need:

- 3 beakers or containers
- Food colouring (5 tablespoons in each beaker)
- 3 flowers of the same type
- Water (100ml in each beaker)

You will be changing the temperature in this investigation so all other variables will have to remain the same:

- Same amount of water in each beaker (100ml)
- Beakers should be the same size and shape
- The type of flower used should be the same
- The length of the stem should be the same
- The amount of food colouring used should be the same (5 tablespoons in each beaker)

Once your beakers contain water, food colouring and your plant, leave one in a place with a cool temperature, one at room temperature and another in a warm temperature. Decide how often you will look at your plants and record your observations.

You will see that the plant is transporting water as the petals on the flower will begin changing colour.

Do you think a plant in a cold temperature or a warm temperature will transport water quickest? Why?

Observe the flowers in the different temperatures regularly. If you notice any colour on the petals record it on the table.

Time	Cold Location	Warm Location	Room Temperature

Coming to Conclusions

What do your observations tell you? What have you learnt about how temperature affects the speed of water transportation?

Keeping Active

Think like a scientist with GoNoodle.

<https://www.youtube.com/watch?v=DChofjUH488>



Have a lovely day and remember to be extra nice to everyone!

You could even do something small to help someone today.

Mrs Ball, Miss Cooper and
Miss Punshon

xxx