

Tuesday 30th June 2020

Hello everybody and welcome to Tuesday. I trust that everyone is well and getting along ok with all the home-learning.

Maths Task 1.

We are going to look at some activities about the area and perimeter of rectangles. Read the information carefully before you attempt the activities.

Perimeter

The **perimeter** is the total distance around the outside of a 2D shape.

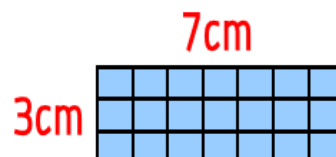


You calculate the perimeter of a 2D shape by adding together all the lengths of the shape.

Finding the Area (rectangle)

To work out the area of a rectangle, multiply its length (the longer side) by its width (the shorter side):

$$\text{length} \times \text{width} = \text{area}$$



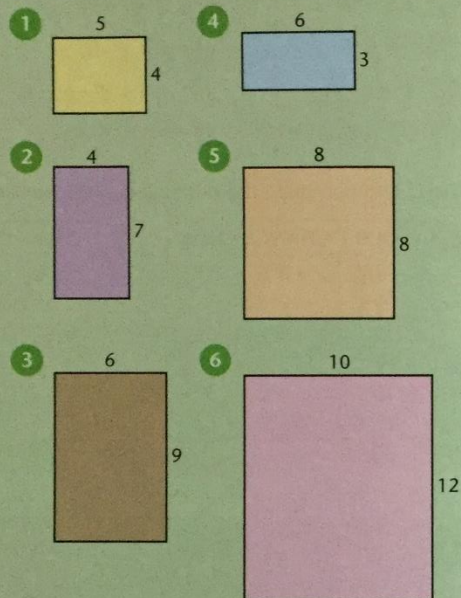
The area of this rectangle is
 $7\text{cm} \times 3\text{cm} = 21\text{ cm}^2$

A

For each of the following shapes find:

- a) the area b) the perimeter.

All lengths are in cm.



For each of the following shapes find:

- a) the area b) the perimeter.

7. square sides 4 cm 9. square sides 10 cm
 8. rectangle sides 7 cm 5 cm 10. rectangle sides 8 cm 3 cm

Use squared paper.

11. Draw a square with a perimeter of 28 cm. Work out the area.
 12. Draw two different rectangles each with an area of 28 cm^2 . Work out the perimeters.
 13. Draw two different rectangles each with a perimeter of 28 cm. Work out the areas.

B

1. Copy and complete the table showing the measurements of rectangles.

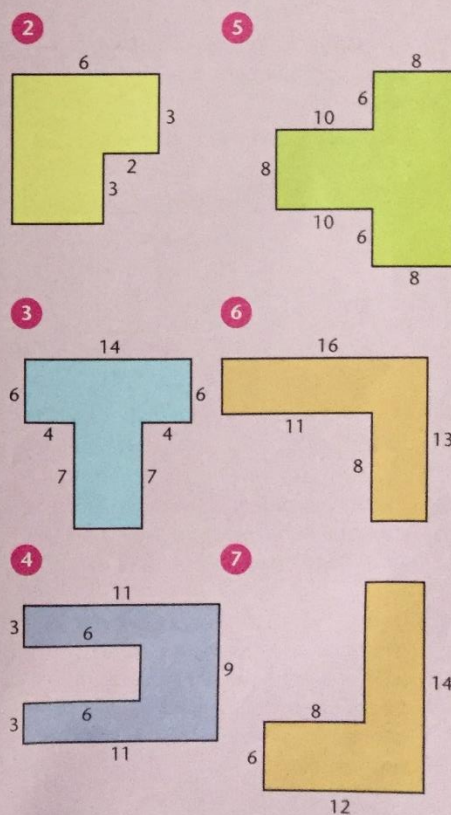
Length	Width	Perimeter	Area
8 cm	5 cm		
7 cm			21 cm^2
	6 cm	32 cm	
9 cm		26 cm	
	10 m		200 m^2
12 m			24 m^2
	7 m	36 m	
	8 m		120 m^2

For each of the following shapes work out:

- a) the perimeter

- b) the area.

All lengths are in centimetres.



Be careful with the compound shapes in Section B as some of the measurements are missing. You should be able to find the missing measures by using the other measurements in the shape to help you. You may also find it easier to break the more complicated shapes down into smaller rectangles.

English Task. There, They're and Their. Revision.

Write out the three different uses for their, there and they're.

1. **Definition for there:** This is used about places or the position of items/people/objects.

Example: **There** she is, sitting on the wall!

2. **Definition for their:** This is when something belongs to someone.

Example: That is **their** coat.

3. **Definition for they're:** A contraction of they are.

Example: Next week **they're** going on holiday.

Copy the paragraph into your book, make sure you include the correct use of there, their and they're.

They're are lots of different animals at the zoo but there not all friendly! The tigers will growl loudly at the public but their only protecting they're babies. However, when any little children are near their cages it terrifies them so they run away to there parents. There are also lions at the zoo who spend their days eating meat, sunbathing and sitting near they're lake. The lions are golden in colour and their definitely majestic. Finally, the zoo has there own collection of pythons. They're brown and green skin is good camouflage and there really long which is useful when they kill their prey in the wild.

Put the correct version of the there, their, they're in the sentences below.

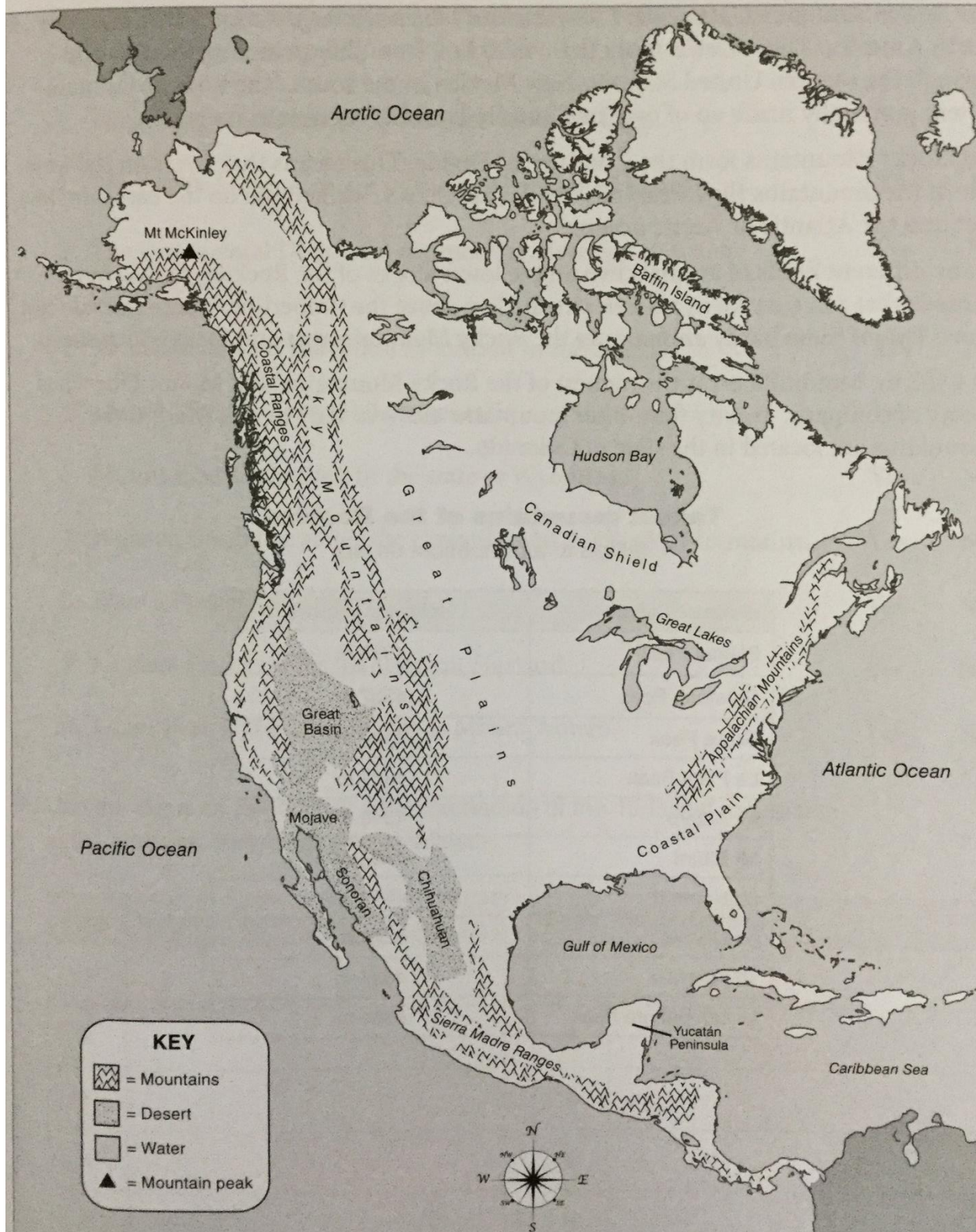
- 1) My next door neighbours have had a new car, it is like ours but _____ is red instead of blue.
- 2) _____ are many different clubs you can join at school.
- 3) _____ was plenty to eat at the party.
- 4) "_____ you go," said the teacher, "now you've got it!"
- 5) Thomas said "_____ not playing on my team, _____ rubbish!"
- 6) "_____ 's a stain on my white board, it's not clean like _____." Kayleigh moaned.

There you go! It is difficult to know which word to use. I hope they're all now placed correctly!

Task 3. Geography.

How good are you at interpreting the features on a map? Let's have a look. I've included a map of the continent of North America. The map include physical features (naturally occurring features such as rivers / mountains / deserts etc.) - Use the map to help answer the questions below. When you are done choose one of the physical features (eg The Rocky Mountains) and research further using books and the internet. You may wish to record some facts in your book or present as a factfile.

North America's landscape



Questions are on the next page.

North America's landscape

North America has a varied landscape. There are frozen tundras in the far north, where the land is covered in snow and ice for much of the year. There are tall mountains in the west and hot deserts in the south-west. Coniferous forests dominate the northern central area around Hudson Bay. In the midwest of the United States, the land features flat plains.

A. Study the physical map of North America on page 47.
Use the map and key to answer the questions.

1. Which mountain range is along the north-western coast of North America? _____
2. Which mountain range is furthest south? _____
3. What is the name of the major mountain peak shown on the map? _____
4. Which landform covers most of the central United States? _____
5. Which island is north of Hudson Bay? _____
6. Which desert is furthest north? _____
7. What is the name of the area that surrounds Hudson Bay? _____
8. Which peninsula is west of the Caribbean Sea? _____

B. Follow the directions to colour the map on page 47.

1. Colour the deserts yellow.
2. Colour the mountains brown.
3. Use light green to circle the plains.
4. Use dark green to circle the Canadian Shield.

Have a great day class 6 and I will speak to you all soon.

Mr Thompson

