

**Friday 15<sup>th</sup> May**

**Work for Year 4**

**Please spend time doing these tasks this morning.**

**There is also a suggested timetable on our Year 4 page.**

**English:**

Spelling activities – Homophones

Look at the following homophones:

weather	whether
who's	whose
medal	meddle
missed	mist
team	teem

**Task :**

- Read the paragraph below carefully. What do you notice?
- Rewrite the paragraph and make the spelling changes you have noticed. Underline the words you have changed.

**It was a great day for a game of footbawl. The whether was fine and the game had already started when Joe arrived. 'Whose in goal?' Joe asked his neighbour just as the centre forward mist the goal. At the end of the game the meddles were awarded to the winning team. 'It's not fair!' the losing teem cried as they went home with nothing.**

Now log onto **Spelling Frame** – Rules 22 and 24. Play some games and then test yourself at the end.

(A homophone is a word which sounds the same as another word but is spelt differently)

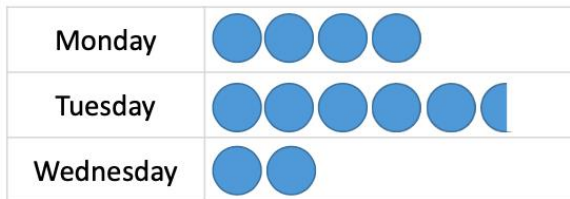
## Maths:

As a warm up today, do the 6 times table on Supermovers, then try 10 minutes on TT Rockstars and Daily 10.

# Problems of the Day 2020

Day 7

- 1 The pictogram shows the number of children who walk to school each day.

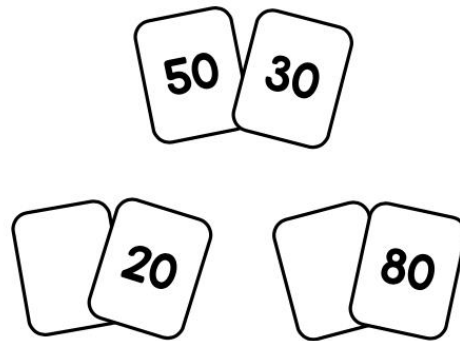


 = 2 children

There are 20 children in the class.

How many children did not walk to school on Tuesday?

- 2 These pairs of numbers all have the same total.



Work out the missing numbers?

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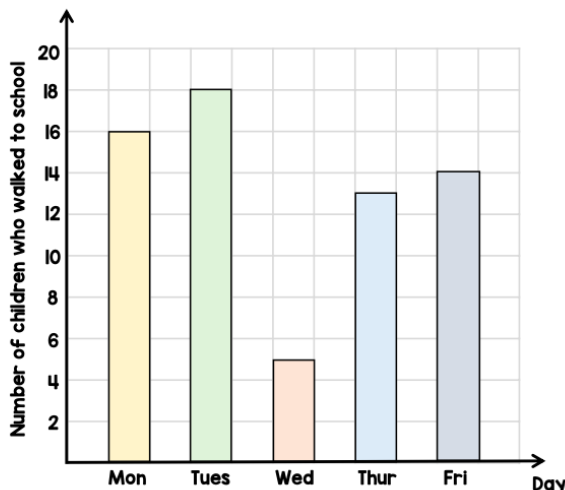


This one is slightly more difficult – go on – challenge yourself!

# Problems of the Day 2020

Day 7

- 1 There are 25 children in a class. The bar chart shows the number of children in the class who walk to school each day.



- (a) What percentage of the class walked to school on Thursday?
- (b) One of the days it rained. Which day do you think it was? Explain to your friend.

- 2 Order the following numbers. Start with the smallest.

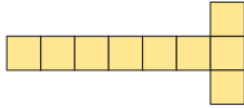


# Here are the answers for Thursday:

## Counting squares

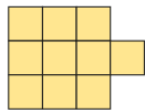
1 Count the squares in each shape to find the area.

A



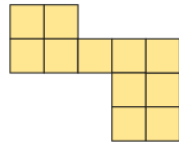
The area is  squares.

B



The area is  squares.

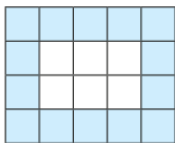
C



The area is  squares.

Which shape has the greatest area? C

2 What is the area of the shaded part of the shape?



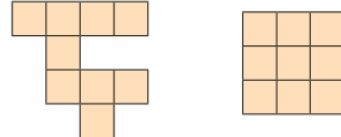
The area is  squares.

3 Here is a kitchen tile.



- a) What area of the tile is blue?  squares
- b) What area of the tile is white?  squares
- c) What is the total area of the tile?  squares

4 These two shapes are made up of squares of the same size.



Jack

These two shapes have the same area.



Rosie

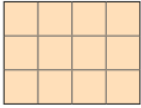
The first shape is bigger as it takes up more space.

Who is correct? Jack

Explain how you know.

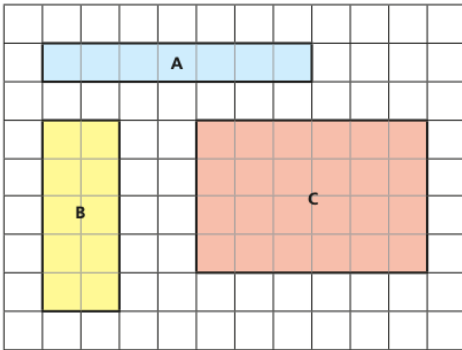
They both have an area of 9 squares.

5 Here is a rectangle.



- a) The rectangle has  rows and  columns.  
b) What is the area of the rectangle?  squares  
c) How did you work out the area?

6 Find the area of each rectangle.

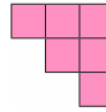


A =  squares   B =  squares   C =  squares

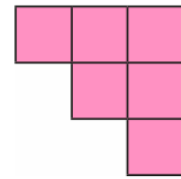
7 Nijah and Eva are making shapes.

They each use 6 squares.

Nijah's shape



Eva's shape



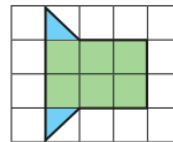
The area of Nijah's shape is equal to the area of Eva's shape.

Is this true or false? False

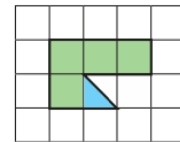
How do you know?

They are not made using the same size shapes.

8 What is the area of each shape?



area =  squares



area =  squares

## International Day of the Family

Today is International Day of the Family.

Here is a fascinating activity using a website called Dollar Street.

Read the page below. You will explore the website and learn about families around the world. There are some tasks to do as you navigate the site.

Happy International Day of the Family to you!

## How do families really live in other countries?



**Type of activity:** exploring an internet site

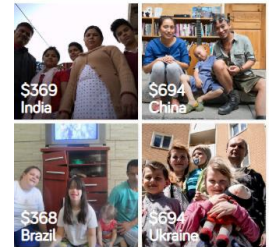
**Who is it for?** Juniors up to 110 years!

**What do I need?**

- Internet access - Dollar Street <https://www.gapminder.org/dollar-street/matrix>
- Curiosity to learn about families around the world ; simple computer skills.

### Introduction

In the news, we seldom see people living their ordinary lives. **Dollar Street** is a photo data base of over 260 families living in 50 different countries. It was set up by Anna Rosling Ronnland, a Swedish global data researcher. *"People in other cultures are often portrayed as scary or exotic."* Anna explains: *"This has to change. We want to show how people really live. It seemed natural to use photos ... so people can see for themselves what life looks like on different income levels. Dollar Street lets you visit many, many homes all over the world. Without travelling."* In each home the photographer spends a day taking photos of up to 135 objects, like the family's toothbrushes or favourite pair of shoes. All photos are then tagged and you can search the data in several ways.



### Here's how to...

1. Open Dollar Street website and take the 'Quick Tour' which explains how it works. By clicking on a family, you will find out more about them, their hopes and dreams, and see lots of pictures round their homes.
2. You can also do some interesting searches, for example:
  - Categories - try toothbrushes, stoves, favourite toys, toilets!
  - Countries - select all or click a selection to compare. Remember there will be a range of incomes in each country.
  - Income level - choose a narrow range and compare objects in the houses - how similar are they across cultures with similar incomes?
3. Make a guess - Where do we live (UK) on Dollar Street? Left (poorest), middle or right (richest)? To decide, try looking at beds for different income levels and see what looks similar to your bedroom. Was your guess about right or not? What does it tell you about your understanding of the world?
4. Kitchen sink with taps - how wealthy do people need to be to have this as standard? (use narrow income range and search up the Street). Does your answer surprise you?
5. What cannot be shown by photos about how a family lives in another country or culture?



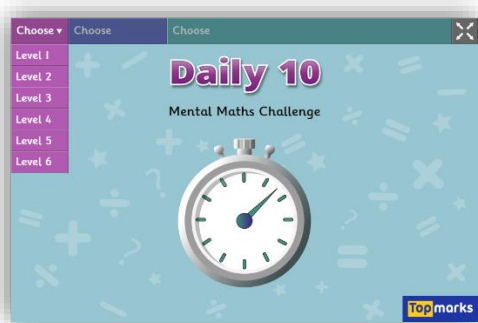
Find out more about Cumbria Development Education Centre (CDEC) at [www.cdec.org.uk](http://www.cdec.org.uk)

You could look at these websites for more fun learning during the week!

<https://www.bbc.co.uk/teach/supermovers> - you know the times tables ones, have a go at the others if you like!



<https://www.topmarks.co.uk/maths-games/daily10> - mental maths that you set your level.



<https://www.topmarks.co.uk/maths-games/hit-the-button> - a quick fire mental maths game.



[https://www.youtube.com/user/thebodycoach1?fbclid=IwAR0iaRPq65aXPUBDdwgl2JbbhR3bsL6oTAGsSzuAJYhaco6QMui-3u\\_60a8](https://www.youtube.com/user/thebodycoach1?fbclid=IwAR0iaRPq65aXPUBDdwgl2JbbhR3bsL6oTAGsSzuAJYhaco6QMui-3u_60a8) – Joe Wicks is doing a FREE PE lesson every day at 9am – so keep your body fit as well as your mind!



<https://www.glasgowsciencecentre.org/gsc-at-home> - Glasgow Science Centre will be live every day at 10am! Expand your mind!!

