

# Maths

## Links and websites

Don't forget you have your red folders to keep practicing your arithmetic - if you run out of sheets, let me know.

<https://whiterosemaths.com/homelearning/>

A daily maths lesson for each year group. Watch the video for the lesson and then complete the worksheet. If you are up to date, there may not be worksheets for this week. They are starting to link to bitesize. I will see what it looks like this week to decide if we need to do anything differently.

<https://www.mathplayground.com/math-games.html>

Here is another site with maths games. It is American so you will need to select your grade, not your year!

<https://ttrookstars.com/>

Everyone has an account to rehearse their table facts. There will be a times table kahoot quiz for anyone who wants a go. The code will be on the class web page.

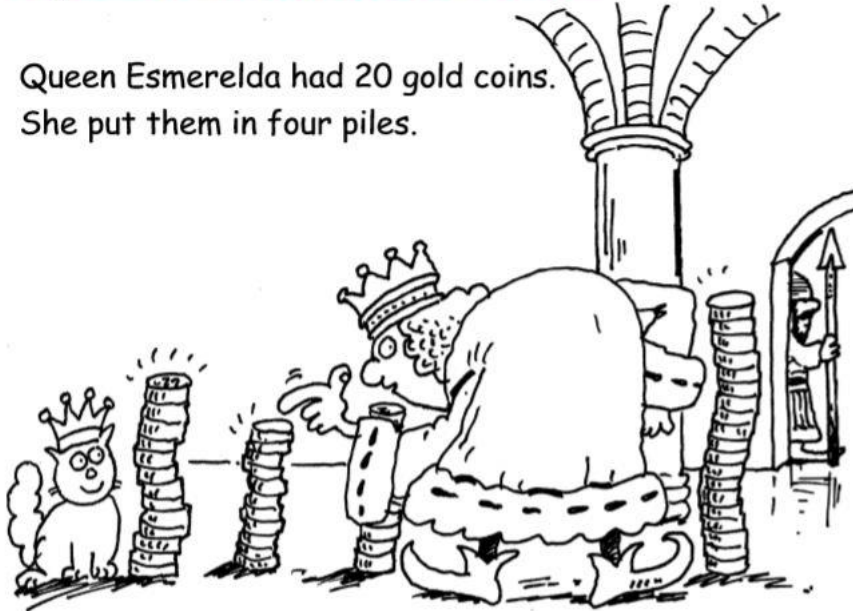
There is a weekly challenge below, one for anyone to try and then one for blues and purples, and one for oranges and greens.

# Additional maths challenges

## challenge for anyone

### Queen Esmerelda's coins

Queen Esmerelda had 20 gold coins.  
She put them in four piles.



- ◆ The first pile had four more coins than the second.
- ◆ The second pile had one less coin than the third.
- ◆ The fourth pile had twice as many coins as the second.

How many gold coins did Esmerelda put in each pile?

Try using 20 coins to help you

# CHALLENGE FOR ORANGES/ GREENS

## Roly poly

The dots on opposite faces of a dice add up to 7.

1. Imagine rolling one dice.

The score is the total number of dots you can see.

You score 17.

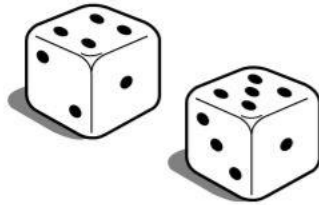
Which number is face down?

How did you work out your answer?



2. Imagine rolling two dice.

The dice do not touch each other.



The score is the total number of dots you can see.

Which numbers are face down to score 30?

TRY USING A DICE FROM A BOARD  
GAME TO HELP

# CHALLENGE FOR BLUES / PURPLES

## Albert Square



36 people live in the eight houses in Albert Square.  
Each house has a different number of people living in it.  
Each line of three houses has 15 people living in it.  
How many people live in each house?