

Distance Dilemma

Bike Week
6th - 14th June
2020

Bike Week is an annual opportunity to promote cycling, and show how cycling can easily be part of everyday life by encouraging 'everyday cycling for everyone. Cycling is really good for you, it keeps your body healthy and the fresh air is great for your lungs!

Anjali and Sam live in different towns.

Both towns are 8 kilometres away from the nearest cinema.

Anjali rides her bike at 6 kilometres per hour and Sam rides his at 5 kilometres an hour.

They both want to arrive at the cinema at 1pm.

What time should each of them start riding?

What time should each of them start riding?



Line Art

Children's Art
Week: 6th - 14th
June 2020

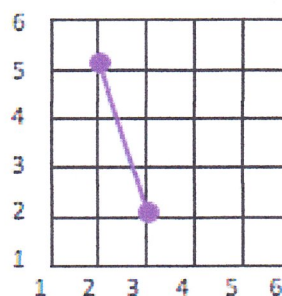
Children's Art Week is a growing campaign to encourage children's creativity. A number of organisations will be holding events to engage, inspire and excite children, in galleries, arts centres, museums, libraries, schools, and community or youth centres across the country.

To create your art work choose 6 coloured pencils or pens and give each of them a number from 1 to 6.

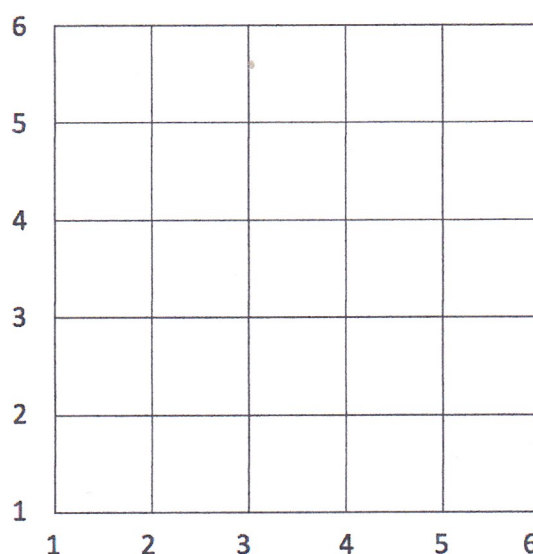
Number	Colour
1	
2	
3	
4	
5	
6	

1. Roll a dice to decide which colour your first line will be.
2. Roll two dice to give you the co-ordinate of the starting point of your line. Mark this point on the co-ordinate grid.
3. Roll both dice again to tell you where to draw your line to.
4. Draw your line with a ruler.
5. Repeat until you are happy with your art work.

Example:



1. Throw one dice: 3 = purple
2. Throw two dice: 2 and 5.
You can start your line at (2,5) or (5,2)
3. Throw two dice: 1 and 3.
You can end your line at (1,3) or (3,1)
4. You can end your line at (1,3) or (3,1)
5. Draw the line with a ruler
6. Repeat

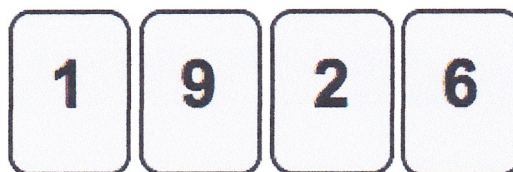


Digit Dilemmas

The Queen's Official Birthday 13th June 2020

The Queen celebrates two birthdays every year: her actual birthday on 21st April and her official birthday on a Saturday in June. The official birthday is held in the summer as it means there's a better chance of good weather for the ceremony. The Queen's official birthday is celebrated with the Birthday Parade, which is also known as Trooping the Colour.

The Queen was born in



1. What is the largest number you can make using these digits? What is the smallest number you can make?
2. What is the nearest number you can make to 200? You do not have to use all the digits.
3. How many different 4-digit numbers can you make using these digits?
4. Order the numbers you made in Q3, starting with the smallest.
5. Use all 4 digits to make this number sentence correct:

$$\square\square + \square\square = 90$$

6. Make as many 3-digit numbers as you can that round to 200 when rounded to the nearest 100.

