

Maths Challenge



Friday 22nd May

Hello, Year 5- it's Friday challenge day!

Starter Challenges



What's the number?

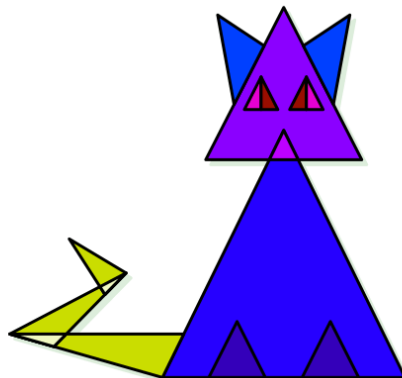
Think back to our work on Roman numerals.



In which year was this building completed?

Clue: What would the C before the M mean?

Need a reminder? See the Roman numerals chart on the next page.



How many triangles can you see in this picture?

Scroll down to find the answers on the second page.

There are two maths challenge activities to choose from today:

1. Friday Challenges from White Rose Maths

<https://whiterosemaths.com/homelearning/year-5/>

Summer Term/ Week 5/ Friday

The most suitable challenges for Year 5 are questions 1-5. The answers can also be found at the above link.

2. Football Themed Code-Breaker

There are 3 to choose from which become more challenging as you scroll down. The answers can be found after each code-breaker.

Football-Themed Code Breaker

Solve the calculations and use the code breaker to spell out football-themed skills.

A	B	C	D	E	F	G	H	I	J	K	L	M
3	10	18	16	1	21	9	14	24	6	19	12	4

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
7	13	20	25	5	23	11	26	22	15	2	17	8

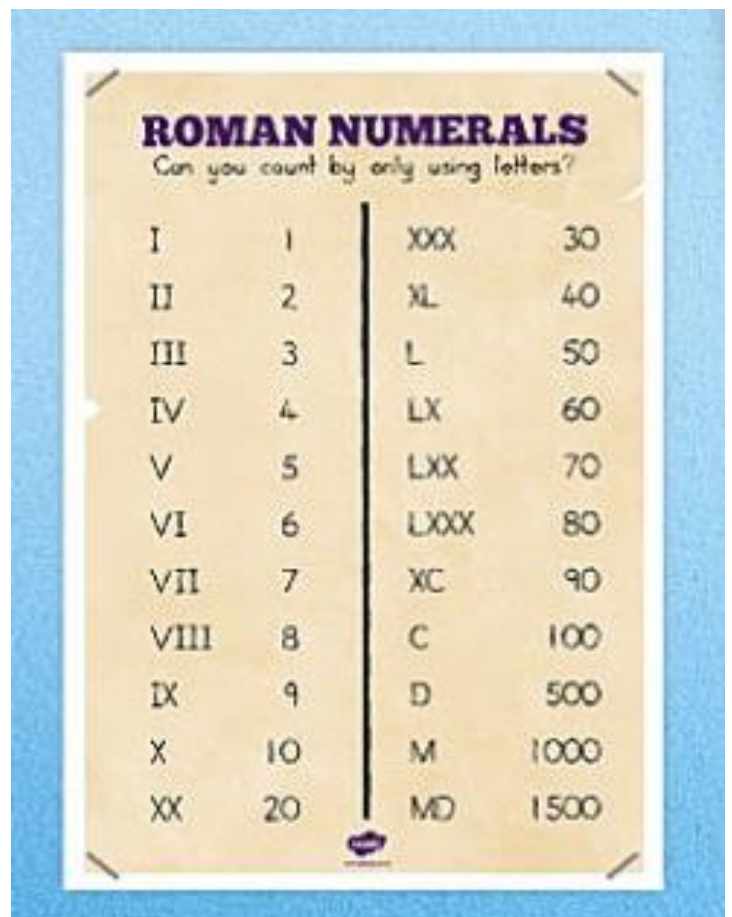
1.	Answer	Letter
$\frac{2}{3}$ of 21		
$\frac{1}{10}$ of 10		
$\frac{3}{4}$ of 9		
$\frac{4}{5}$ of 20		
$\frac{1}{3}$ of 5		
$\frac{1}{4}$ of 30		

	Answer	Letter
$\frac{1}{4}$ of 44		
$\frac{1}{6}$ of 18		
$\frac{3}{4}$ of 24		
$\frac{1}{2}$ of 38		
$\frac{2}{3}$ of 18		
$\frac{1}{8}$ of 6		

3.	Answer	Letter
$\frac{3}{4}$ of 28		
$\frac{1}{4}$ of 20		
$\frac{3}{7}$ of 7		
$\frac{1}{12}$ of 12		
$\frac{1}{3}$ of 57		
$\frac{2}{3}$ of 30		
$\frac{6}{7}$ of 21		
$\frac{1}{6}$ of 180		

4.	Answer	Letter
$\frac{1}{2}$ of 35		
$\frac{1}{4}$ of 15		
$\frac{1}{2}$ of 15		
$\frac{1}{2}$ of 49		
$\frac{1}{2}$ of 33		
$\frac{1}{2}$ of 26		
$\frac{1}{4}$ of 16		
$\frac{1}{2}$ of 18		
$\frac{1}{100}$ of 100		
$\frac{1}{4}$ of 34		

5.	Answer	Letter
$\frac{2}{3}$ of 28		
$\frac{1}{4}$ of 25		
$\frac{2}{3}$ of 30		
$\frac{1}{3}$ of 50		
$\frac{2}{3}$ of 25		
$\frac{2}{3}$ of 21		
$\frac{2}{3}$ of 60		
$\frac{1}{3}$ of 49		
$\frac{1}{4}$ of 15		



Starter Challenges **ANSWERS**



What's the number?

M= 1,000

D=500

C=100

L=50

I=1

1851



In which year was this building completed?

Clue: What would the C before the M mean?

M= 1,000

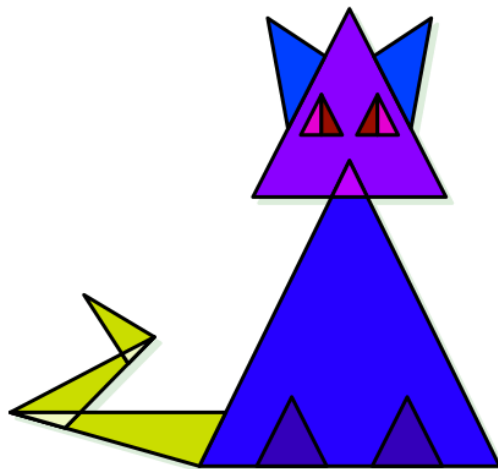
CM=900

(100 less than 1,000)

X=10

II=2

1912



How many triangles can you see in this picture?

20