

Year 5 Math Grid 2

WEEK 1 - Day 1

Daily Rockstars times tables challenge.

Mo, Whitney, Teddy and Eva collect marbles.



I have 1,648 marbles.

Mo

I have double the amount of marbles Mo has.



Whitney



I have half the amount of marbles Mo has.

Teddy

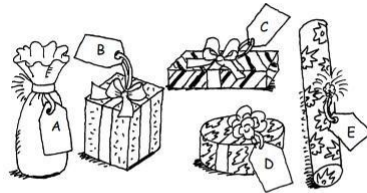
In total they have 8,524 marbles between them.
How many does Eva have?

Day 2

Daily Rockstars times tables challenge.

Presents

Gurmit paid £21 for five presents.



For A and B he paid a total of £6.
For B and C he paid a total of £10.
For C and D he paid a total of £7.
For D and E he paid a total of £9.

How much did Gurmit pay for each present?

Day 3

Daily Rockstars times tables challenge.

The table shows how many children have cats and dogs. Copy and complete the table, then answer the questions

	Boys	Girls	Total
Dogs		44	
Cats	38		
Total	125		245

- How many more boys have dogs than girls?
- How many more girls have cats than dogs?
- How many more children have dogs than cats?

Day 4

Daily Rockstars times tables challenge.

How many ways?

You have a pile of 1 coins and a pile of 0.1 coins.

Make 2.4



Level 1: I can find a way

Level 2: I can find different ways

Level 3: I know how many ways there are

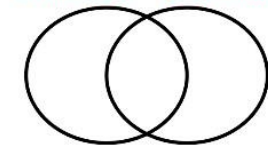
Day 5

Daily Rockstars times tables challenge.

Explore

Put a number in each section of the Venn diagram.

even numbers prime numbers



How many numbers can go in the middle section?

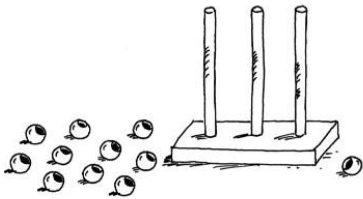
WEEK 2 - Day 1

Daily Rockstars times tables challenge.

Three digits

Imagine you have 25 beads.

You have to make a three-digit number on an abacus.
You must use all 25 beads for each number you make.



How many different three-digit numbers can you make?
Write them in order.

WEEK 2 - Day 2

Daily Rockstars times tables challenge.

Solve

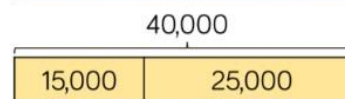
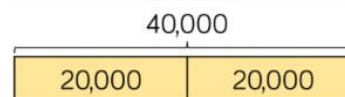
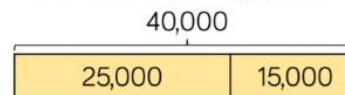
$$CCCL + CL =$$

How many calculations, using Roman Numerals, can you write to get the same total?

WEEK 2 - Day 3

Daily Rockstars times tables challenge.

The bar models are showing a pattern.



Draw the next three.

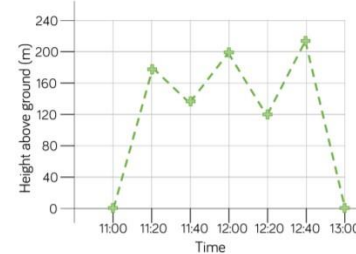
Create your own pattern of bar models

WEEK 2 - Day 4

Daily Rockstars times tables challenge.

Rosie has used the data in the table to plot the line graph.

Time	11:00	11:20	11:40	12:00	12:20	12:40	13:00
Height above ground (m)	0	180	150	200	210	120	0



What mistakes has Rosie made?

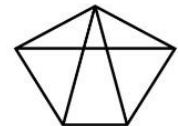
Can you draw the line graph correctly?

WEEK 2 - Day 5.

Daily Rockstars times tables challenge.

Spot the shapes 2

1. How many triangles can you count?



2. How many squares can you count?

