

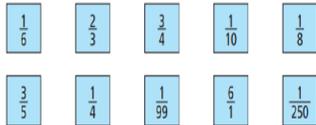
Year 4 Math Grid

WEEK 1 - Day 1

Daily Rockstars times tables challenge.

Draw a table in your book and sort the fractions into **unit** and **non-unit fractions**.

Write the fractions in the table.



Day 2

Daily Rockstars times tables challenge.

Mo also has a bag of sweets.

$\frac{4}{10}$ of his sweets are red.

The rest are green or yellow.



What fraction of Mo's sweets could be green?

What fraction could be yellow?

How many possible answers can you find?

Day 3

Daily Rockstars times tables challenge.

MY ANSWER IS: 84

How many ways can you make his answer? Can you make it using different operations? additions (+) subtractions (-) multiplications (x) division (÷) eg

$$\underline{\quad} \times \underline{\quad} + \underline{\quad} = 84$$

Day 4

Daily Rockstars times tables challenge.

Copy and complete the statement below.

Different ways

Fill in the gaps. Find different ways.

$$\frac{1}{\boxed{5}} \text{ of } \boxed{100} = 20 \quad \frac{1}{\boxed{\quad}} \text{ of } \boxed{\quad} = 20$$

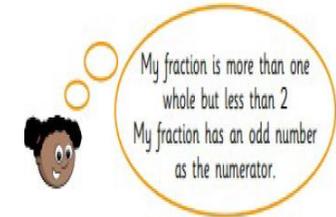
$$\frac{1}{\boxed{\quad}} \text{ of } \boxed{\quad} = 20 \quad \frac{1}{\boxed{\quad}} \text{ of } \boxed{\quad} = 20$$

Can you find 5 different ways?

Day 5

Daily Rockstars times tables challenge.

Whitney is thinking of a fraction.



What could Whitney's fraction be?

List all the possible fractions.

WEEK 2 - Day 1

Daily Rockstars times tables challenge.

Jane is thinking of a fraction:

"My fraction has an odd number as the numerator and an even number for the denominator. My fraction is greater than $\frac{1}{2}$, but less than 1 whole."

What could Jane's fraction be? How many different ways can you find?

WEEK 2 - Day 2

Daily Rockstars times tables challenge.

FACTS FOR FREE DAY

$$4 \times 5 = 20$$

From this number sentence, we can create **5 more facts for free!**

For example: $5 \times 4 = 20$

Draw a Whole-part-part model from these numbers. Copy out these two facts and write **2 division** facts and **2 fraction facts**.

WEEK 2 - Day 3

Daily Rockstars times tables challenge.

Write out this number and follow the instructions!

Thousands	Hundreds	Tens	Ones
4	3	1	7

Add 2 thousands to the number.

Subtract 1 thousand.

Subtract 4 ones.

Add 8 tens.

What number do you have now?

WEEK 2 - Day 4

Daily Rockstars times tables challenge.

3 **7** **8**

9 **12** **16**

Choose a **blue** number. Multiply it by a **red** number. Which is the **biggest product** you can make? What's the smallest product?

WEEK 2 - Day 5.

Sheepdog trials



A farmer and his dog enter a sheepdog trial. In this event his dog must shepherd 24 sheep into three pens of different sizes. Each pen must have a different even number of sheep. The largest pen must have the most sheep and the smallest pen must have the fewest sheep. How many sheep might the dog try to get in each pen? Find as many different ways as you can.