




<p>General Information</p>  <p>Please remember to complete one activity each day, in day order. Work can be recorded in homework books.</p> <p>The tasks to be completed each day are on the attached sheets.</p> <p>Remember to practise your times tables every day. Ask an adult to test you at the end of each week. Mathletics tasks also need to be completed.</p>	<p>Monday <u>Challenging Questions</u></p> <p>Complete the challenges (1-4) on the attached sheet.</p> <p>Challenge 5: Optional</p>	<p>Tuesday <u>Comparing / Ordering Fractions</u></p> <p>Complete the Rising Stars Practice Book. page 101 exercise 1 page 102 exercises 2, 3 and 4</p> <p>Challenge: optional</p>
<p>Wednesday <u>Equivalent Fractions</u></p> <p>Let's practise what we learnt, last week.</p> <p>Complete the Rising Stars Practice Book. page 105 exercises 1 and 2 page 106 exercise 3</p> <p>Challenge: optional</p>	<p>Thursday <u>Fractions Word Problems</u></p> <p>Complete the Rising Stars Practice Book. Page 104 exercise 6</p> <p>Challenge: optional</p>	<p>Friday <u>Times tables</u></p> <p>Complete the 2 tasks on the attached sheet.</p>

Monday Maths

Challenge 1

Can you work out the values of each shape?

$$\star + \star = 20$$

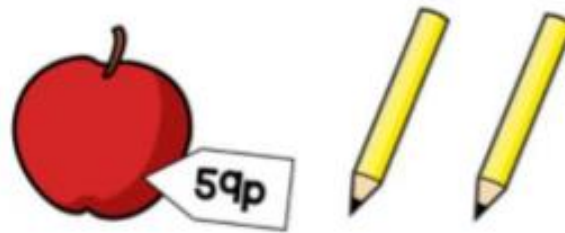
$$\heartsuit - \star = 7$$

$$\heartsuit - \heartsuit = \blacktriangle$$

Challenge 2

Tom has six 10p coins and three 5p coins. He buys an apple for 59p and two pencils.

He has no money left. How much does a pencil cost?



Challenge 3

Here are some digit cards.



Amir and Donna each make a three-digit number using all the cards.

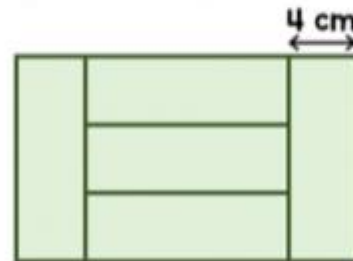
Amir notices that when he subtracts his number from Donna's number he gets an answer greater than 300 but less than 400.

What numbers did they make?

Challenge 4

Five identical rectangles are put together to make a large rectangle.

The width of one rectangle is 4cm. Work out the perimeter of the large rectangle.



Answers:

Challenge 1	Star = 10, heart = 17, triangle = 0
Challenge 2	A pencil costs 8p
Challenge 3	Amir's number is 538, Donna's number is 853
Challenge 4	Perimeter = 64 cm

Monday Maths Challenge 5: optional

Spaceship



Some Tripods and Bipods flew from planet Zeno.
There were at least two of each of them.

Tripods have 3 legs.

Bipods have 2 legs.

There were 23 legs altogether.

How many Tripods were there?

How many Bipods?

Find two different answers.



Tuesday Maths

$$\frac{3}{5}$$

← numerator
← denominator

Remember: When fractions have the **same denominators**, the greater the numerator, the greater the fraction.

For example $\frac{1}{4}$ is smaller than $\frac{3}{4}$ because 3 is greater than 1.

When fractions have the **same numerator**, the greater the denominator, the smaller the fraction.

For example $\frac{1}{5}$ is smaller than $\frac{1}{3}$.

Tuesday Maths Task:

Rising Stars Practice Book

page 101 exercise 1

page 102 exercises 2, 3 and 4

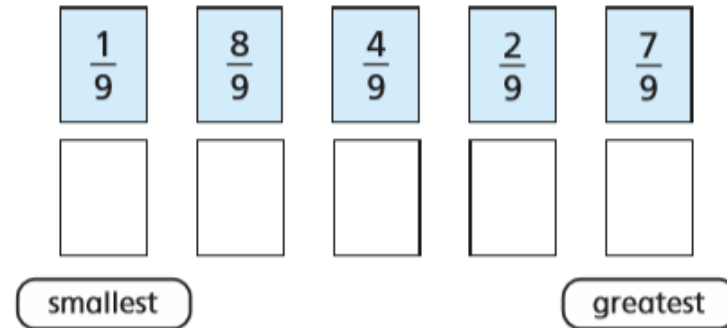
Tuesday Maths Challenge: optional

a) Shade the bar models to represent the fractions.

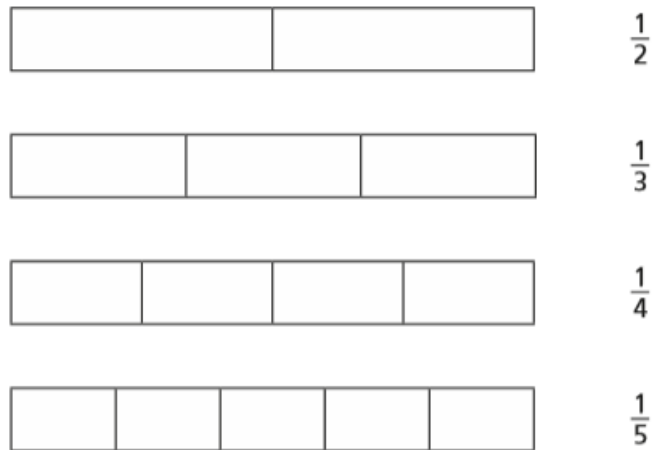


b) What do you notice?

Write the fractions in order, starting with the smallest.

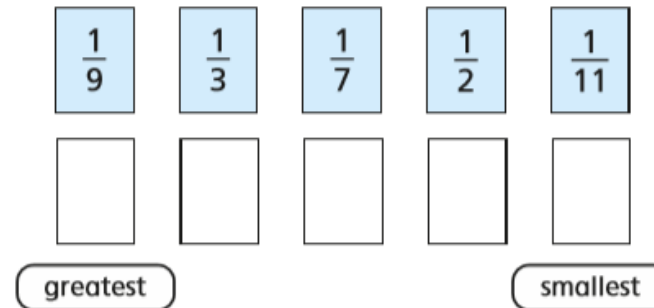


a) Shade the bar models to represent the fractions.



b) What do you notice?

Write the fractions in order, starting with the greatest.











Wednesday Maths Task:

Rising Stars Practice Book

page 105 exercises 1 and 2

page 106 exercise 3

Wednesday Maths Challenge: Optional


$\frac{1}{2}$ is equivalent to $\frac{\square}{20}$

$\frac{1}{2}$ is equivalent to $\frac{\square}{24}$

$\frac{1}{2}$ is equivalent to $\frac{\square}{40}$

$\frac{1}{4}$ is equivalent to $\frac{\square}{20}$

$\frac{1}{4}$ is equivalent to $\frac{\square}{32}$

$\frac{3}{4}$ is equivalent to $\frac{\square}{20}$

$\frac{3}{4}$ is equivalent to $\frac{\square}{\square}$

$\frac{\square}{5}$ is equivalent to $\frac{\square}{40}$

Thursday Maths Challenge: optional

Fill in the numerators to make the following three calculations correct. For example: $\frac{2}{6} + \frac{4}{6} = 1$.

$$\frac{\square}{6} + \frac{\square}{6} = 1$$

$$\frac{\square}{6} + \frac{\square}{6} = 1$$

$$\frac{\square}{6} + \frac{\square}{6} = 1$$

Andy says that to find a quarter of a number you have to half the number, then half it again. Is he correct? Why?

.....
.....

Insert the \geq , \leq or $=$ to make each statement correct.

- $\frac{1}{2}$ of 14 $\frac{1}{4}$ of 28
- $\frac{1}{3}$ of 15 $\frac{1}{5}$ of 20
- $\frac{1}{7}$ of 49 $\frac{1}{9}$ of 18

How many different ways can you show a half? Draw pictures or diagrams on your whiteboard.

Friday Maths

Task 1: If you want you can time yourself and see how long it takes you to complete the questions. Then, maybe try it again and see if you complete it faster (optional)

x 2	x 3	x 4	x 5	x 6	x 7	x 8	x 9	x 10	x 11	x 12
7 x 2 =	7 x 3 =	8 x 4 =	11 x 5 =	4 x 6 =	5 x 7 =	8 x 8 =	12 x 9 =	1 x 10 =	3 x 11 =	5 x 12 =
9 x 2 =	3 x 3 =	3 x 4 =	9 x 5 =	5 x 6 =	12 x 7 =	6 x 8 =	1 x 9 =	6 x 10 =	1 x 11 =	8 x 12 =
6 x 2 =	1 x 3 =	12 x 4 =	4 x 5 =	12 x 6 =	8 x 7 =	10 x 8 =	10 x 9 =	10 x 10 =	9 x 11 =	1 x 12 =
12 x 2 =	10 x 3 =	6 x 4 =	10 x 5 =	8 x 6 =	4 x 7 =	3 x 8 =	9 x 9 =	2 x 10 =	0 x 11 =	4 x 12 =
8 x 2 =	4 x 3 =	2 x 4 =	8 x 5 =	3 x 6 =	6 x 7 =	4 x 8 =	6 x 9 =	11 x 10 =	7 x 11 =	9 x 12 =
11 x 2 =	11 x 3 =	9 x 4 =	6 x 5 =	11 x 6 =	11 x 7 =	2 x 8 =	8 x 9 =	9 x 10 =	12 x 11 =	11 x 12 =
1 x 2 =	12 x 3 =	7 x 4 =	1 x 5 =	9 x 6 =	2 x 7 =	9 x 8 =	7 x 9 =	8 x 10 =	4 x 11 =	0 x 12 =
2 x 2 =	5 x 3 =	0 x 4 =	3 x 5 =	10 x 6 =	7 x 7 =	12 x 8 =	11 x 9 =	0 x 10 =	8 x 11 =	6 x 12 =
3 x 2 =	0 x 3 =	5 x 4 =	5 x 5 =	0 x 6 =	10 x 7 =	5 x 8 =	5 x 9 =	4 x 10 =	11 x 11 =	10 x 12 =
5 x 2 =	6 x 3 =	11 x 4 =	7 x 5 =	6 x 6 =	1 x 7 =	1 x 8 =	0 x 9 =	12 x 10 =	6 x 11 =	7 x 12 =
0 x 2 =	2 x 3 =	4 x 4 =	0 x 5 =	2 x 6 =	3 x 7 =	7 x 8 =	2 x 9 =	5 x 10 =	10 x 11 =	12 x 12 =
4 x 2 =	9 x 3 =	10 x 4 =	12 x 5 =	1 x 6 =	0 x 7 =	0 x 8 =	3 x 9 =	7 x 10 =	2 x 11 =	2 x 12 =
10 x 2 =	8 x 3 =	1 x 4 =	2 x 5 =	7 x 6 =	9 x 7 =	11 x 8 =	4 x 9 =	3 x 10 =	5 x 11 =	3 x 12 =

Friday Maths

Task 2:

Play some times tables games.

<https://www.timestables.co.uk/>

Give yourself a **challenge** and try the Speed-Test:

<https://www.timestables.co.uk/speed-test/>