Class 10 Maths

Facts

You need to practise your timetables and other number facts regularly, as we do in school.

I would like you to practise your times tables for 30 minutes every day.

You can use Times Table Rock Star like we do in school. The link is -
https://play.ttrockstars.com/auth

You can also use Numbots which uses the same login as Times Table Rock Star -
https://play.numbots.com/#/account/search-school

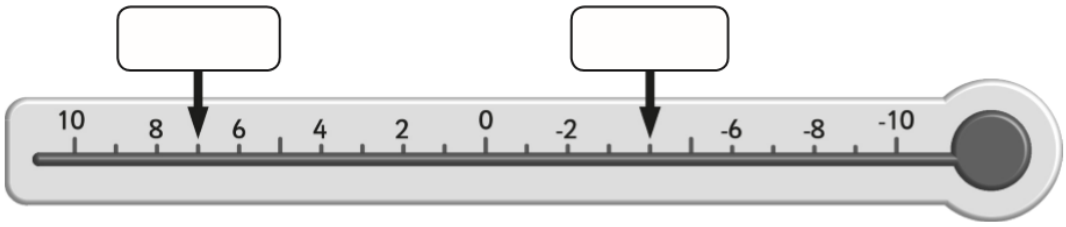
Maths

Monday:

1. Complete the table.

1,000 less		1000 more
	1,026	
	14,321	

2. Some of the numbers on the thermometer have been rubbed off, can you fill in the missing numbers?



3. Continue counting backwards in steps of 3.

6	3				

4. In each number say the value of the underlined digit:

number	value of underlined digit
3,4<u>7</u>8	
<u>2</u>,099	
6,21<u>9</u>	
8,<u>7</u>23	

Tuesday:

1. Use the vertical method for addition to answer these questions.

1,354 + 2,622	2,689 + 5,732	2,462 + 1,022 + 234

2. Use the vertical method for subtraction to answer these questions.

5,962 - 2,621	8,268 - 2,521	8,308 - 2,124

3. Solve these problems and show your working out. Even if you get the wrong answer, you may get a mark for your working out.

A theatre holds 2,200 people. Across the week these were the tickets sold:

Tuesday	1,345
Wednesday	1,022
Thursday	1,244
Friday	1,990
Saturday	2,110

How many tickets altogether were sold on Thursday, Friday and Saturday?

How many unsold tickets were there on Tuesday and Wednesday?

Wednesday

1.

24 x 0
4 x 6 x 3
7 x 2 x 8
125 x 1
5 x 8 x 3
6 x 4 x 8

2. For each multiplication, write 1 related division fact:

example:

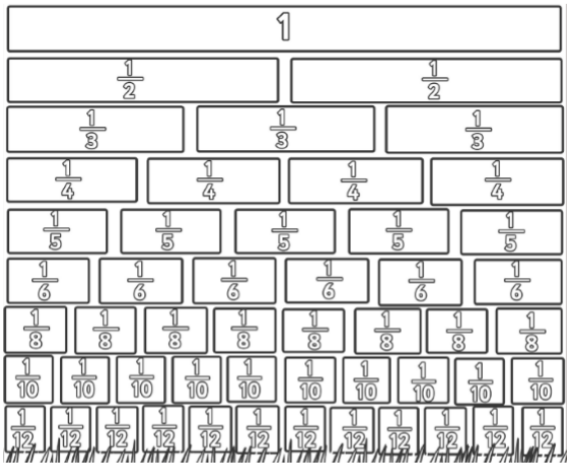
8 x 7	56 ÷ 7 = 8

6 x 4	
12 x 7	
11 x 9	
4 x 8	
9 x 5	
6 x 8	

3. Two **factors** of 12 add up to 8. What are they?
4. Use the grid method to complete the calculations.
   a) 85 x 3
   b) 62 x 4
   c) 132 x 5
   d) 264 x 3

Thursday:

1. Use the fraction wall to find equivalent fractions:



$\frac{3}{4} = \frac{\quad}{8}$

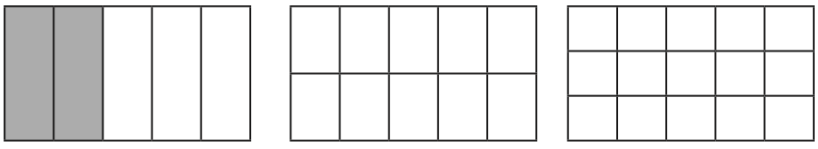
$\frac{\quad}{12} = \frac{4}{6}$

$\frac{3}{\quad} = \frac{6}{10}$

$\frac{2}{3} = \frac{4}{\quad} = \frac{\quad}{12}$

2. If you don't print your work, you can draw the shapes.

Shade in the shapes to show 2/5 on each shape and write the equivalent fraction underneath shape 2 and shape 3:



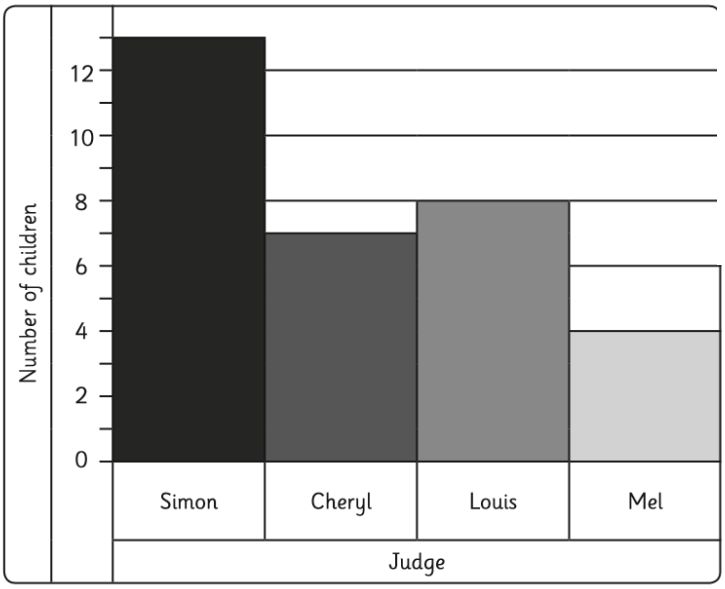
2/5 | | |

3. $\frac{2}{5} + \frac{1}{5} =$ ☐ $\frac{1}{6} + \frac{4}{6} =$ ☐

$\frac{6}{7} - \frac{3}{7} =$ ☐ $\frac{8}{9} - \frac{2}{9} =$ ☐

Friday:

1. . Here is a bar chart showing Year 4's favourite X Factor Judges:

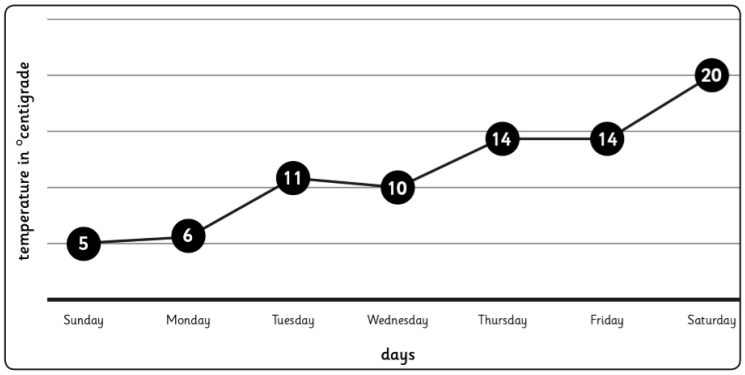


a) How many children like Cheryl the best?

b) How many more children prefer Simon than Louis?

c) Chris was absent when the survey was taken, he said he liked Louis the best, so including Chris's vote, how many children liked Louis the best?

2. Here is a line graph to show the maximum temperatures in a town across a week:



a) Was the temperature gradually getting warmer or colder across the week?

b) Between which 2 days was there a fall in the temperature?

c) What was the difference in temperature between the coldest and the warmest days?

d) What was the difference in temperature between Tuesday and Thursday?

3. . The following pictogram shows a tree planting project in a local town:

week1	🌳🌳🌳🌳
week 2	🌳
week 3	🌳🌳🌳
week 4	
week 5	🌳🌳🌳
week 6	🌳🌳🌳🌳🌳🌳

🌳 = 2 trees

a) What does 🌳 represent?

b) There were 4 trees planted in week 4, add this to the chart.

c) Which week were the most trees planted?

d) How many trees were planted in the 6 weeks?