Class 10 Maths

<u>Facts</u>

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

<u>Maths</u>

Monday:

1. Order the following numbers from smallest to largest.

| 6,977 | 8,432 | 1,032 | 9,321 | 2,854 | 6,782 |

2.

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

3.   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	

4.

Compare the numbers below using   <   > or   =

	< > or =	
3,499		3,944
4,058		4,058
12,688		8,901
5,006		5,066
11,347		11,307

Tuesday:

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

4912 + 708	2901 + 3978 + 63

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

6205 – 982	7000 - 4823

3. Using the following three numbers, write 4 different addition and subtraction calculations:

4203   3197   7400

4. a) 458 people were in a football stadium. Another 365 people arrived at the football stadium. How many people were in the football stadium?
b) 291 people left the stadium. How many people are left?

Wednesday

1.　Multiply these numbers together:

2 x 6 x 2	
5 x 4 x 3	
7 x 2 x 8	
1 x 349	
7 x 2 x 10	
5 x 5 x 5	

2. Find out which of the calculations have the same answer to 4 x 8 x 3.

8 x 4 x 3	12 x 4	3 x 32	8 x 5 x 3	3 x 8 x 4
☐	☐	☐	☐	☐

Write the following calculation in 5 other ways:

3.　9 x 2 x 5

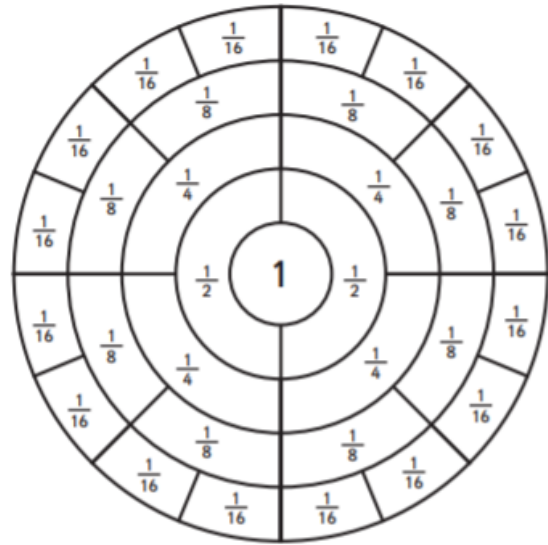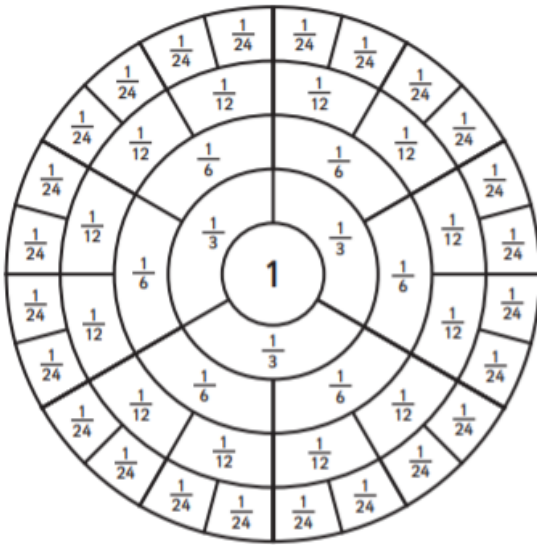4. Use the grid method to complete these calculations.
   a) 7 8 x 3
   b) 6 4 x 8
   c) 1 4 9 x 5
   d) 5 1 6 x 4

Thursday:

1.

Use these fraction wheels to write the equivalent fractions below:

$$\frac{2}{6} = \underline{\ \ } = \underline{\ \ } = \underline{\ \ }$$

$$\frac{1}{8} = \underline{\ \ }$$

$$\frac{16}{24} = \underline{\ \ } = \underline{\ \ } = \underline{\ \ }$$
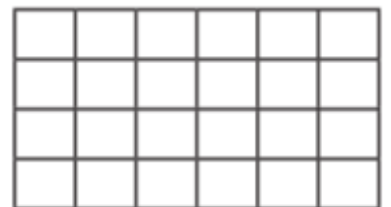
$$\frac{3}{4} = \underline{\ \ } = \underline{\ \ }$$

2. Draw these shapes then shade them to show 5/8 on each shape and write the equivalent fraction underneath. You could use the fraction wheels to help you.

$$\frac{5}{8}$$
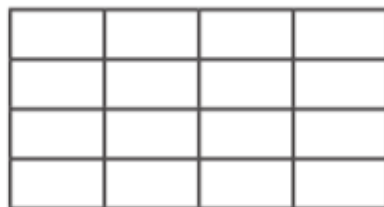
3.

$$\frac{5}{12} + \frac{5}{12} = \boxed{}$$

$$\frac{7}{10} + \frac{2}{10} = \boxed{}$$

$$\frac{4}{5} - \frac{1}{5} = \boxed{}$$

$$\frac{7}{9} - \frac{3}{9} = \boxed{}$$

Friday:

1. Here is a bar chart showing the numbers of boys and girls in classes in a school:

Number of Children
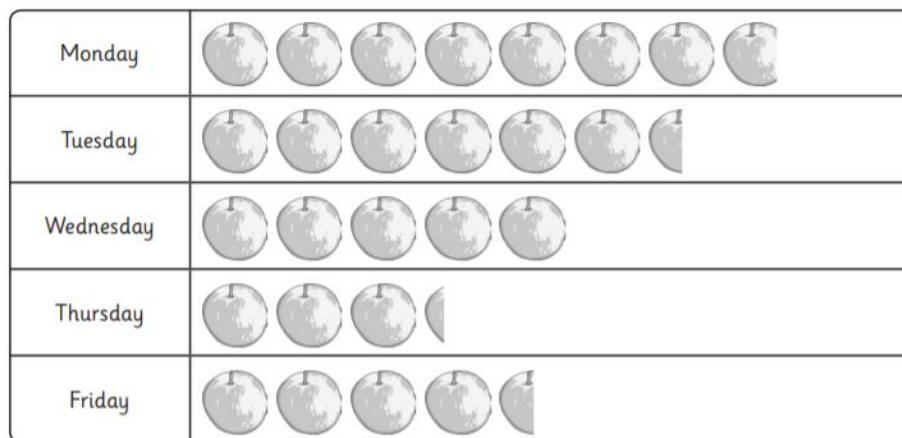

Number of Boys
Number of Girls
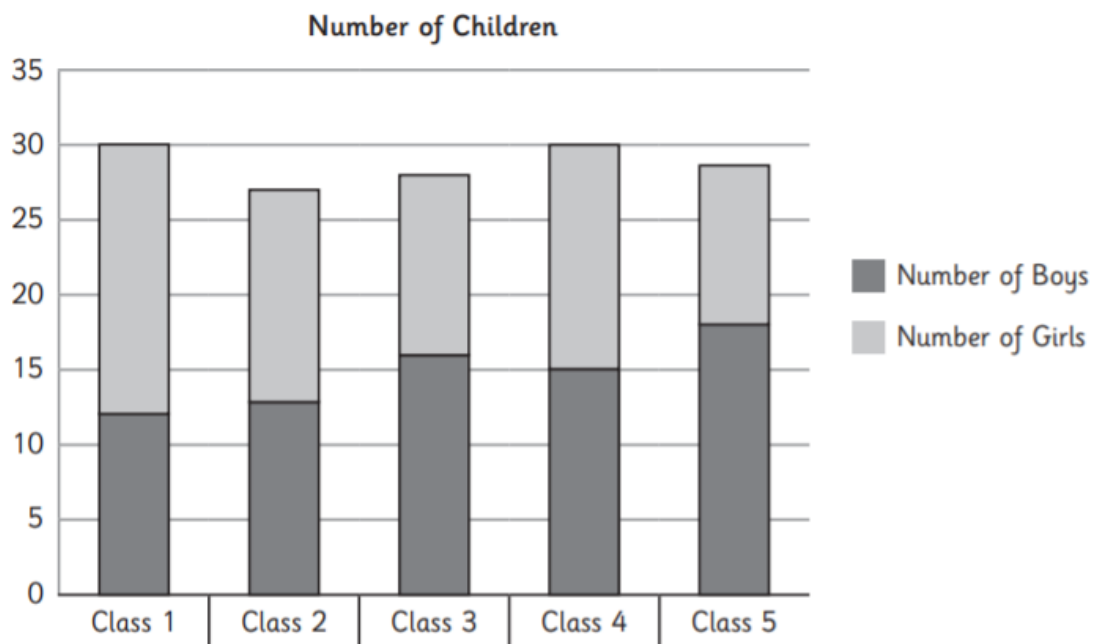
a) Which classes have the most children?

b) Which class has the least number of girls?

c) Complete this sentence: In class 3 there are ☐ boys and ☐ girls.

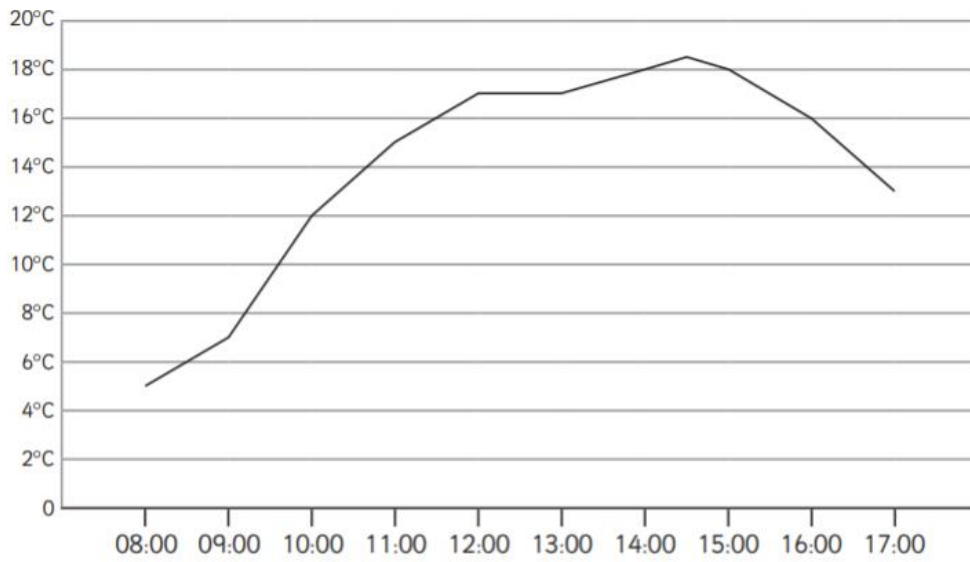2. Here is a pictogram showing the number of apples sold by the fruit shop in one week:

= 4 apples

a) How many apples were sold on Monday?

b) Jack says that more apples were sold on Monday and Tuesday than in the rest of the week. Explain why he is correct.

3.

This line graph shows the temperature in the playground at a school:

a) At what time was the temperature 10°C?

b) Between which times did the temperature stay the same?

to

c) What was the temperature at 15:30?