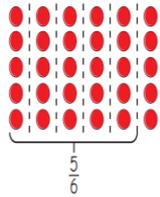




Lodge Farm Primary School- Knowledge Organiser



Tommy uses an array of counters to find $\frac{5}{6}$ of 30



I split the counters into 6 equal groups.
 $\frac{5}{6}$ of 30 = 25



Whitney is working out $3 \times 2\frac{2}{5}$ by partitioning the mixed number into a whole number and a fraction.

$$3 \times 2 = 6$$

$$3 \times \frac{2}{5} = \frac{6}{5} = 1\frac{1}{5}$$

$$3 \times 2\frac{2}{5} = 6 + 1\frac{1}{5} = 7\frac{1}{5}$$

Decimals and Percentages

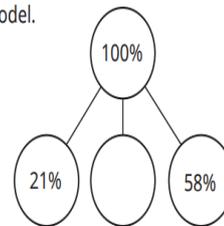
Children need to be able to read and write decimal numbers as fractions; identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths; recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents; and solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25. Children also need to be able to read, write, order and compare numbers with up to 3 decimal places; round decimals with 2 decimal places to the nearest whole number and to 1 decimal place; recognise the per cent symbol (%) and understand that per cent relates to “number of parts per 100”; and write percentages as a fraction with denominator 100, and as a decimal fraction.

Write > or < to compare the numbers.

Use a place value chart and counters to help you.

0.465	<input type="text"/>	0.913	0.067	<input type="text"/>	0.029
1.546	<input type="text"/>	0.894	0.071	<input type="text"/>	0.007

Complete the part-whole model.



TT Rockstars

Times Tables Rock Stars is a carefully sequenced programme of daily times tables practice. Children should be logging on weekly at home to practice their times table recall.

Curriculum Driver:

Knowledge of the World