

# Knowledge Organiser - Maths

## Decimals

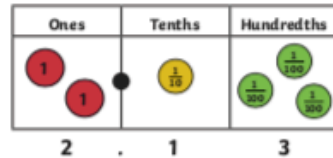
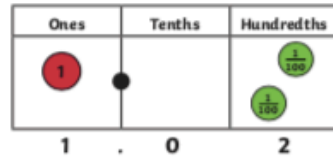
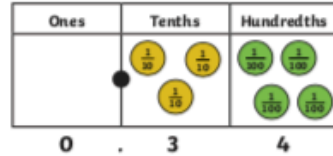
### Make a whole



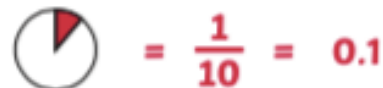
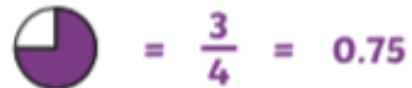
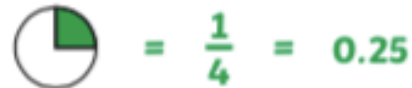
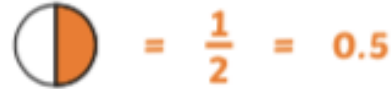
### Partitioning tenths and hundredths



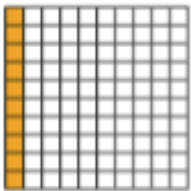
### Comparing numbers with two decimal places



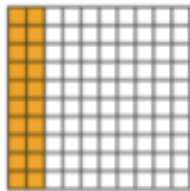
### Fraction and decimal equivalents



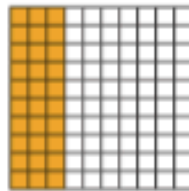
### Tenth and hundredth decimal equivalents



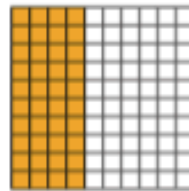
$$\frac{1}{10} = \frac{10}{100} = 0.1$$



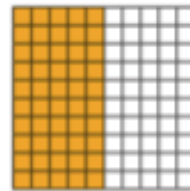
$$\frac{2}{10} = \frac{20}{100} = 0.2$$



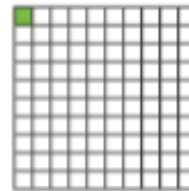
$$\frac{3}{10} = \frac{30}{100} = 0.3$$



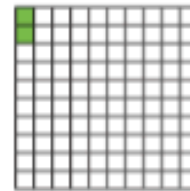
$$\frac{4}{10} = \frac{40}{100} = 0.4$$



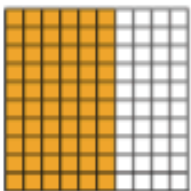
$$\frac{5}{10} = \frac{50}{100} = 0.5$$



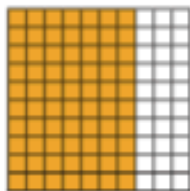
$$\frac{1}{100} = 0.01$$



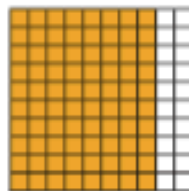
$$\frac{2}{100} = 0.02$$



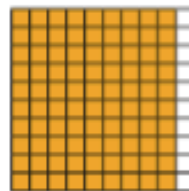
$$\frac{6}{10} = \frac{60}{100} = 0.6$$



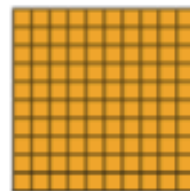
$$\frac{7}{10} = \frac{70}{100} = 0.7$$



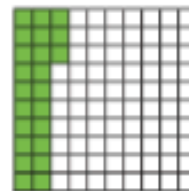
$$\frac{8}{10} = \frac{80}{100} = 0.8$$



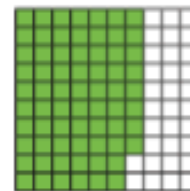
$$\frac{9}{10} = \frac{90}{100} = 0.9$$



$$\frac{10}{10} = \frac{100}{100} = 1$$



$$\frac{23}{100} = 0.23$$



$$\frac{68}{100} = 0.68$$

### Key Vocabulary:

tenths

hundredths

decimal tenths

decimal hundredths

decimal equivalents

part-whole model

rounding

decimal point

place value