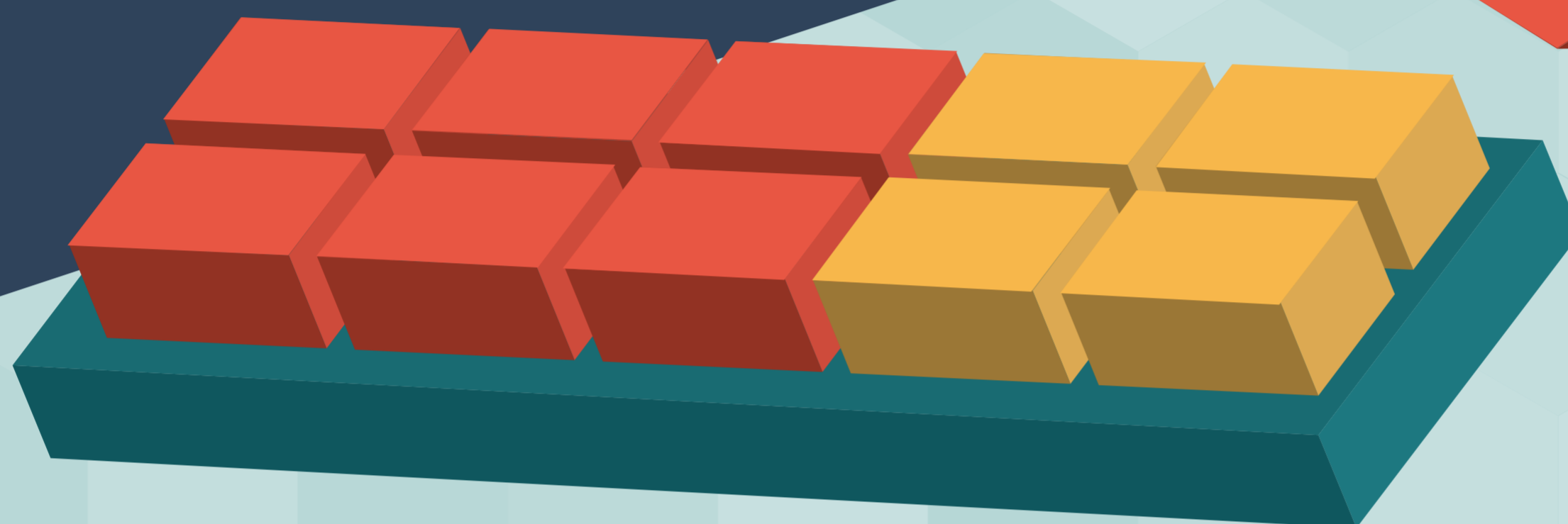


RATIOS, FRACTIONS AND PERCENTAGES

Ratios, fractions and percentages are used in science to show the proportions of quantities, e.g. the composition of air.

TOP TIP

Practise working out ratios and percentages. They will come up in exams!



RATIOS

Ratios show the relationship between two amounts.

The ratio of orange squares to yellow is:

3:2
3 to 2

FRACTIONS

Fractions show the number of parts of a whole.

The fraction of orange squares is:

$\frac{3}{5}$

PERCENTAGES

Percentages show the number of parts per hundred.

The percentage of orange squares is:

$\frac{3}{5} \times 100 = 60\%$

Can you investigate the number of tongue-rollers in your class and then work out the ratio of tongue-rollers to non, as well as the fraction and percentage of tongue-rollers?

