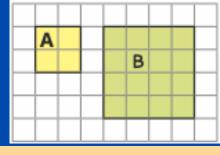


MATHS- RATIO YEAR 5



RECAP

- Recall multiplication facts for multiplication tables up to 12×12
- Recall division facts for multiplication tables up to 12 \times 12
- Find fractions of an amount
- Find multiples of a given number

CRUCIAL KNOWLEDGE

- This is a year 6 unit. For y5, you will be starting to explore the following concepts practically:
- The : symbol shows the relation between the two quantities represented. Enlargement means to change the size of a shape.
- A scale factor is the number that will determine by how much a shape is going to change sizes.
- In order to make a shape bigger, we need to use a scale factor greater than 1.
- In order to make a shape smaller, we need to use a scale factor between 0
- and 1.

Ratio Sym Control of apples to bananas The ratio of apples to bananas The ratio of apples to bananas the ratio of apples to bananas	bool there are λ yelow counters there are λ yelow counters The ratio of green to yelow counters is $3: \lambda$ The fraction of green counters is There are 3 There are λ green counters is There are λ green counters is The represent is the 'whole' – boys and gris together This represents the 5 boys This represents the 3 boys The fraction of the set of the	ys there are 3 girls' This re 5:3	res 2:4:6 Image: state symbol for ratio The state symbol for ratio Scale factor Scale factor can also Bigger corresponding side together together together Scale factor can also State symbol for ratio State factor	5 de
Ratio	Ratio is a relationship between two things when it is expressed in numbers or amounts.	Multiple	CABULARY If one number is a multiple of a smaller num- ber, it can be exactly divided by that smaller number.	
Proportion	A part to whole comparison	Scale factor	A number which tells you how much a shap has been enlarged by.	e
Fraction	A fraction is a number that can be expressed as a proportion of two whole numbers. For example, $\frac{1}{2}$ and $\frac{3}{4}$ are both fractions.	Enlarge ment	The process of changing the size of a shape. Whilst keeping the angles the same.	