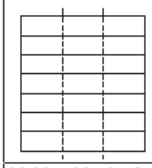
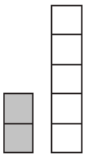
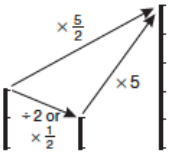
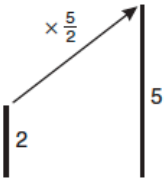
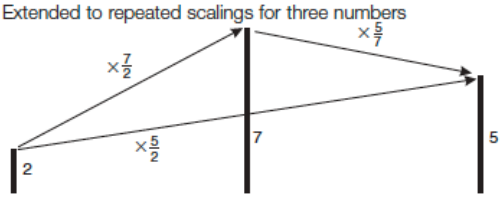
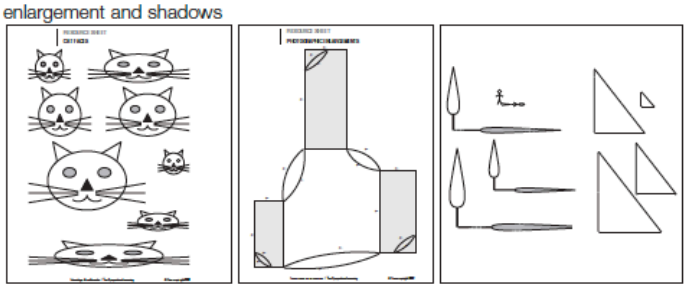
Year	Image used ...	To develop ...
7	Single strips stacked to represent a number; stacks sectioned using vertical lines 	Fractions as numbers, multiples of unit fractions Unit, proper and improper fractions as operators
	Linking blocks forming **strips** to illustrate ratios 	Ratio as a comparison of two quantities Ratio, fractions, decimals and percentages as equivalent ways of comparing
8	Sets of three parallel, **graduated line segments**  Scaling represented as a two-stage operation perhaps through 1, e.g. from 2 to 5 in two steps by $\div 2$ (or $\times\frac{1}{2}$) then $\times 5$	Establishing a single multiplier between any two numbers Middle line segment used to show interim step of multiplication or division (as used in unitary method)
9	Sketches of pairs of **line segments** used to illustrate a single multiplier from one number to another  Extended to repeated scalings for three numbers 	Identifying a single multiplier between any two numbers without recording an interim step
	Links to enlargement shown using paper folding, cat faces, photographic enlargement and shadows 	Identifying the 'within' and 'between' aspect of dimensions of similar shapes

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