

SATs Revision grids

Formal method of addition

$$\begin{array}{r} 33.725 \\ + 1.9 \\ \hline \end{array}$$

Formal method of multiplication

$$\begin{array}{r} 2395 \\ \times 36 \\ \hline \end{array}$$

Fractions

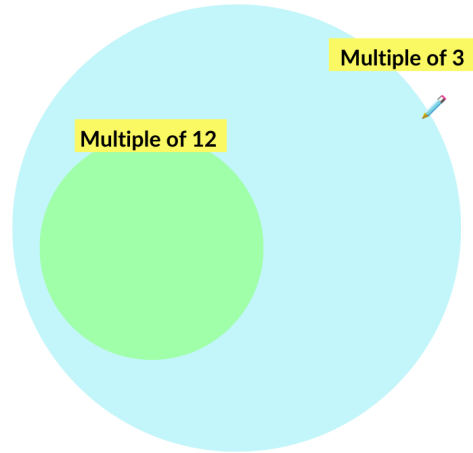
Find the
simplest
equivalent
fraction:

$$\begin{array}{l} \frac{6}{15} = \square \\ \frac{12}{20} = \square \\ \frac{6}{18} = \square \\ \frac{5}{30} = \square \end{array}$$

Multiples and factors

Put these numbers into the Venn diagram

9 12 15 18 20 24 27 36



Number property problem

Use the 6 digit cards to make a square number, a cube number and a multiple of 3. You can only use each card once.

1 2 4 5 6 8

Square number

Cube number

Multiple of 3



Prime factor

Find the prime factors of:

continue the
prime-factor
tree

250



Formal method of division

$$24 \overline{) 5160}$$

Formal method of subtraction

$$\begin{array}{r} 25 \\ - 18.45 \\ \hline \end{array}$$



ANSWERS

Formal method of addition

$$\begin{array}{r} 33.725 \\ + 1.900 \\ \hline 35.625 \end{array}$$

Formal method of multiplication

$$\begin{array}{r} 2395 \\ \times 36 \\ \hline 14370 \\ 71850 \\ \hline 86220 \end{array}$$

Fractions

Find the simplest equivalent fraction:

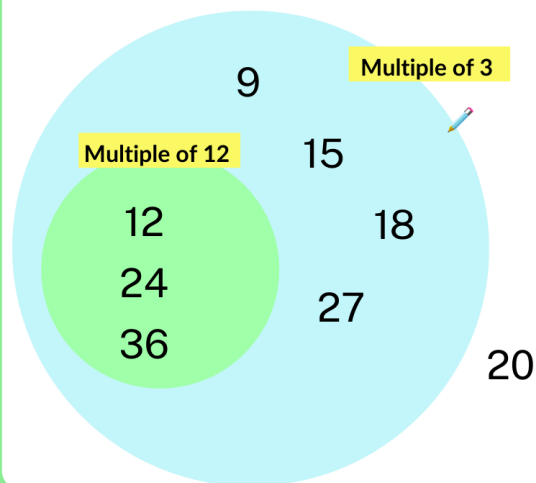
$$\frac{6}{15} = \frac{\quad}{\quad}$$

$$\frac{12}{20} = \frac{\quad}{\quad}$$

$$\frac{6}{18} = \frac{\quad}{\quad}$$

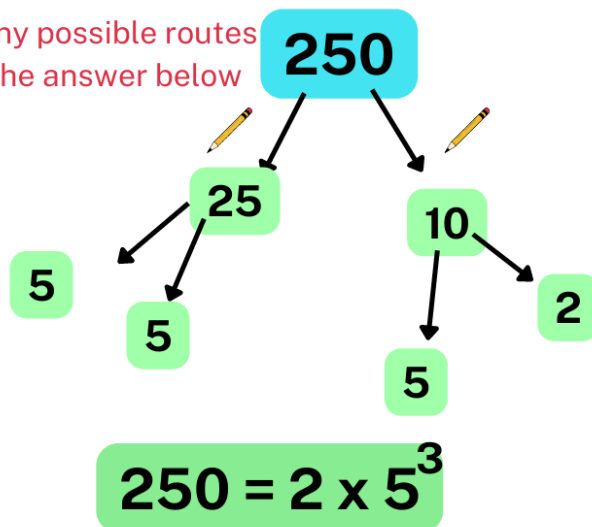
$$\frac{5}{30} = \frac{\quad}{\quad}$$

Multiples and factors



Prime factor

many possible routes to the answer below



Number property problem

10

$$\begin{array}{|c|c|} \hline 2 & 5 \\ \hline \end{array}$$

Square number

$$\begin{array}{|c|c|} \hline 6 & 4 \\ \hline \end{array}$$

Cube number

$$\begin{array}{|c|c|} \hline 1 & 8 \\ \hline \end{array}$$

Multiple of 3



Formal method of subtraction

$$\begin{array}{r} 14910 \\ - 1845 \\ \hline 0655 \end{array}$$

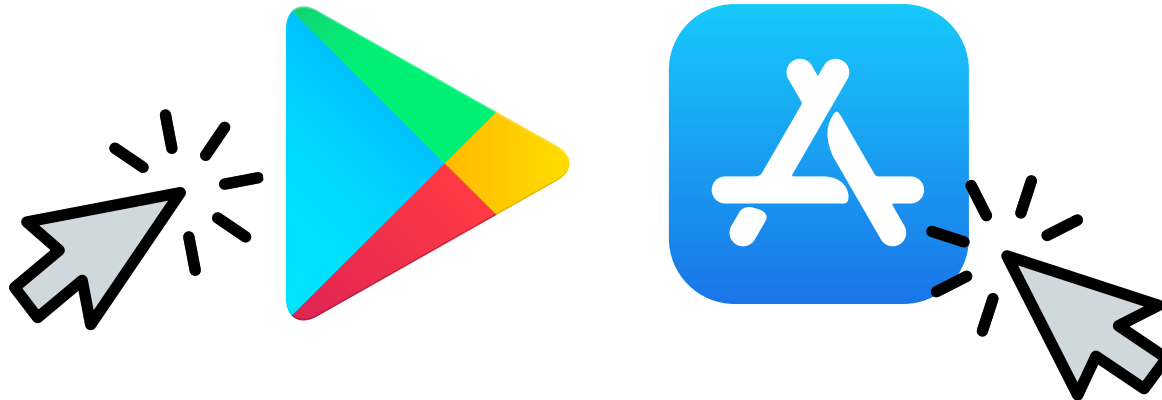
Formal method of division

$$\begin{array}{r} 0215 \\ 24 \overline{) 5160} \\ \underline{- 48} \\ 36 \\ \underline{- 36} \\ 000 \\ \underline{- 000} \\ 000 \end{array}$$



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