

mobius

Factoring - Simplifying Fractions with Factors - Composite to Bracketed



East		_		-	
Use factorization action factor each number and show what factors in this fraction can be		$\frac{B}{(2\times5)\times(3\times7)}$ $(3\times5)\times(7)$	show what factors in this fraction can be	$\frac{A}{(11)\times(3\times3\times5)}$ $(3\times3)\times(3\times7)$	$\frac{\binom{B}{(3)}\times(3\times5)}{(3\times3)\times(7)}$
10×21	$\frac{C}{(7)\times(3\times3)}$ $\overline{(3\times5\times5\times5)\times(7)}$	$ \begin{array}{c} D\\ (2 \times 5) \times (3 \times 13)\\ \hline (3 \times 5 \times 5 \times 5) \times (7) \end{array} $	3 × 45	$ \begin{array}{c} C\\ \underline{(13)\times(3\times3\times5)}\\ (3\times3)\times(2\times3) \end{array} $	
75 × 7	$\frac{E}{(2\times5)\times(3\times7)}$ $\overline{(3\times5\times5\times5)\times(11)}$	$\frac{F}{(5)\times(3\times7)}$ $(3\times5\times5)\times(7)$	9 × 9	$\frac{E}{(11)\times(3\times5)}$ $(3)\times(3\times3)$	
Use factorization to factor each number and show what factors in this fraction be		$\frac{B}{(2\times5\times5)\times(3)}$ $\overline{(5\times5)\times(3\times3)}$	show what factors in this fraction can be	$ \begin{array}{l} A \\ (2 \times 3 \times 7) \times (5) \\ \hline (5 \times 7) \times (2 \times 5) \end{array} $	
50°×3	$\frac{C}{(2\times5\times5)\times(3)}$ $\overline{(5\times5\times5)\times(3\times3)}$	$\frac{D}{(11\times5\times5)\times(3)}$ $(5\times5\times5)\times(3)$	42°×5	$ \begin{array}{c} C \\ (2 \times 2 \times 3 \times 7) \times (5) \\ \hline (5 \times 7 \times 7) \times (2 \times 5) \end{array} $	
25 × 9	$\frac{E}{(2\times5\times5)\times(3)}$ $(5)\times(3\times3)$	$ \frac{F}{(2\times5\times5\times5)\times(3\times3)} $ $ \frac{(2\times5\times5)\times(7\times2)}{(2\times5\times5)\times(7\times2)} $	35 × 10	$ \frac{E}{(3\times7)\times(5)} $ $ \frac{(3\times7)\times(5)}{(7\times7)\times(2\times2\times5)} $	$\frac{F}{(3\times5)\times(5)}$ $\frac{(3\times5)\times(5)}{(5\times7)\times(2\times5\times5)}$
Use factorization to factor each number and show what factors in this fraction be	$ \begin{array}{c} A \\ (2 \times 2) \times (2 \times 5) \\ \hline (2 \times 3 \times 7) \times (7) \end{array} $	$\frac{B}{(2 \times 2 \times 2) \times (2 \times 5)} \\ \frac{(2 \times 2 \times 3 \times 5 \times 5) \times (2)}{(2 \times 2 \times 3 \times 5 \times 5) \times (2)}$	iraction can be	$ \begin{array}{c} A \\ (2 \times 2 \times 3 \times 3) \\ \hline (5) \times (2 \times 3 \times 3) \end{array} $	$\frac{B}{(2\times7\times3\times3)}$ $(5)\times(5\times3)$
4 × 10	_ , , , , , ,	$ \begin{array}{c} D\\ (2 \times 2) \times (2 \times 5)\\ \hline (2 \times 3 \times 5) \times (2) \end{array} $	3 out 3 out 3 out	$ \begin{array}{c} C \\ (2 \times 3 \times 3 \times 3) \\ \hline (5) \times (2 \times 3 \times 3) \end{array} $	$\frac{\binom{D}{(2\times2\times5\times3)}}{(5)\times(11\times3)}$
30 × 2	$\frac{E}{(2\times 2)\times (2\times 5)}$ $2\times 3\times 7)\times (2\times 2)$	$\frac{F}{(2\times2\times3\times5)\times(2)}$	5 × 18		
7 Use factorization to factor each number and show what factors in this fraction can be	$ \begin{array}{c} A \\ (2 \times 3) \times (3) \\ \hline (3 \times 3 \times 5) \times (3) \end{array} $	$\frac{B}{(2\times3)\times(3\times5)}$ $(3\times3\times5)\times(3)$	fraction can be	$ \begin{array}{c} A \\ (5) \times (2) \\ \hline (2 \times 7) \times (11 \times 2) \end{array} $	
6 × 15	$\frac{\binom{\texttt{C}}{(2)\times(3\times5)}}{(3\times5)\times(3)}$	$ \begin{array}{c} D\\ (3\times3)\times(3\times3)\\ (3\times3\times5)\times(13) \end{array} $	70°×2	$\frac{C}{(2\times5\times7)\times(5)}$ $\frac{(2\times7)\times(2\times2)}{(2\times7)}$	$ \begin{array}{c} D \\ (2 \times 5 \times 7 \times 7) \times (2) \\ \hline (2) \times (2 \times 2) \end{array} $
45 × 3	$\frac{E}{(3)\times(3\times5)}$ $3\times3\times5\times(3)$		14 × 4	$\frac{E}{(2\times7)\times(2)}$ $2\times13\times(2\times2)$	$\frac{F}{(2\times5\times7)\times(2)}$ $\overline{(2\times7)\times(2\times2\times2)}$