

mobius

Factoring - Simplifying Fraction Multiplication with Factors - Composite



		Multiplication with Factors - Composite					
$\frac{1}{2}$ ×	9 45	Use factorization to simplify showing what factors in the fraction multiplication can cancelled out $ \frac{A}{2 \times 7} \times \frac{3 \times 3}{3 \times 3 \times 3 \times 5} \frac{2 \times 7}{2} \times \frac{3}{3} $	$\frac{35}{21}$	$\langle \frac{9}{21} \rangle$	Use factorization showing what far fraction multiplic cancelled $\frac{5\times7}{3\times7}\times\frac{3\times3}{3\times7}$	actors in this ation can be d out	
$\frac{2}{21}$ ×	42 14	Use factorization to simplify showing what factors in the fraction multiplication can cancelled out A B $ \frac{2}{3 \times 7} \times \frac{2 \times 3 \times 7}{2 \times 7} = \frac{2}{2 \times 7} \times \frac{2}{2} $	21 ———	$\times \frac{6}{3}$	Use factorization showing what fa fraction multiplic cancelled $A \\ \frac{3 \times 7 \times 7}{3 \times 7 \times 7} \times \frac{2 \times 3 \times 3}{3}$	actors in this ation can be d out	
5 Use factorized simplify by show factors in this multiplication cancelled	ving what fraction can be		$\frac{5 \times 5 \times 7}{3}$ 6 Use factors in simplify by factors in multiplice	n this fraction cation can be celled out	A $\frac{2 \times 2 \times 5 \times 5}{2 \times 3} \times \frac{1}{2 \times 5}$ C $\frac{2 \times 2 \times 5 \times 5}{2 \times 3} \times \frac{13}{2 \times 5}$	$\frac{B}{\overset{2\times5\times5}{2\times3}}\times\frac{1}{2\times5}$	
70 7 Use factorized simplify by show factors in this multiplication cancelled	ving what fraction can be	$ \begin{array}{c} A \\ \frac{1}{3} \times \frac{2 \times 3 \times 3 \times 3}{2 \times 3 \times 5} \\ & \frac{1 \times 1}{3 \times 3} \times \frac{3 \times 3}{2 \times 2} \end{array} $ $ \begin{array}{c} C \\ 7 \times 3 \times 3 \times 3 \times 3 \\ 2 \end{array} $	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 5$ simplify by factors in multiplic	teation can be colled out 14	$ \frac{A}{2 \times 5 \times 13} \times \frac{13 \times 7}{7} $ $ \frac{C}{2 \times 5} \times \frac{2 \times 7}{2 \times 5 \times 5} \times \frac{2 \times 7}{13} $	$\frac{B}{\underset{2\times5}{2\times5}}\times\frac{2\times7}{2}$	
3	30		50 [°]	2			