

N6.9.1 | Fractions
 Multiplying fractions
non calculator

Work out the following and simplify the answer where possible.

$\frac{2}{3_1} \times \frac{12^4}{5} = \frac{2 \times 4}{1 \times 5} = \frac{8}{5} = 1 \frac{3}{5}$	$\frac{6^1}{15_1} \times \frac{45^{3^1}}{36_{6_2}} = \frac{1 \times 1}{1 \times 2} = \frac{1}{2}$	$3 \times \frac{6}{24} = \frac{3}{1} \times \frac{6}{24} = \frac{3 \times 6}{1 \times 24} = \frac{18^3}{24_4} = \frac{3}{4}$
$\frac{4}{5} \times \frac{6}{12} =$	$\frac{3}{7} \times \frac{21}{9} =$	$\frac{7}{3} \times \frac{5}{49} =$
$\frac{4}{64} \times \frac{8}{16} =$	$\frac{1}{121} \times \frac{11}{5} =$	$\frac{3}{19} \times \frac{38}{6} =$
$\frac{36}{5} \times \frac{125}{72} =$	$\frac{24}{18} \times \frac{9}{12} =$	$\frac{2}{3} \times \frac{3}{2} =$
$5 \times \frac{3}{45} =$	$\frac{23}{48} \times 8 =$	$\frac{3}{72} \times \frac{9}{21} =$
$\frac{9}{7} \times \frac{63}{81} =$	$12 \times \frac{4}{18} =$	$55 \times \frac{3}{11} =$
$\frac{23}{4} \times \frac{32}{46} =$	$\frac{3}{7} \times \frac{21}{1} =$	$\frac{48}{125} \times \frac{25}{8} =$
$\frac{123}{35} \times \frac{7}{3} =$	$\frac{7}{15} \times \frac{45}{49} =$	$\frac{13}{14} \times \frac{196}{169} =$
$\frac{56}{72} \times \frac{9}{7} =$	$\frac{35}{63} \times \frac{18}{5} =$	$7 \times \frac{2}{14} =$
$\frac{13}{12} \times \frac{4}{26} =$	$\frac{9}{55} \times \frac{11}{18} =$	$\frac{4}{7} \times \frac{7}{4} =$