



Grade 8 - Mathematics

Focus on Fractions 2

Memo



Complete the following calculations

$1. \frac{1}{4} \times \frac{2}{5}$ $= \frac{2}{20}$ $= \frac{1}{10}$	$2. \frac{5}{6} \div \frac{2}{3}$ $= \frac{5}{6} \times \frac{3}{2}$ $= \frac{5}{2} \times \frac{1}{2}$ $= \frac{5}{4}$ $= 1\frac{1}{4}$
$3. \frac{3}{4} \times \frac{1}{6}$ $= \frac{1}{4} \times \frac{1}{2}$ $= \frac{1}{8}$	$4. \frac{3}{4} \div \frac{3}{7}$ $= \frac{3}{4} \times \frac{7}{3}$ $= \frac{1}{4} \times \frac{7}{1}$ $= \frac{7}{4}$ $= 1\frac{3}{4}$
$5. 9\frac{1}{2} \times 1\frac{1}{4}$ $= \frac{19}{2} \times \frac{5}{4}$ $= \frac{95}{8}$ $= 11\frac{7}{8}$	$6. 7\frac{9}{16} \div 3\frac{3}{4}$ $= \frac{121}{16} \div \frac{15}{4}$ $= \frac{121}{16} \times \frac{4}{15}$ $= \frac{121}{4} \times \frac{1}{15}$ $= \frac{121}{60}$ $= 2\frac{1}{60}$



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$7. 2\frac{2}{3} \times 5\frac{5}{8}$ $= \frac{8}{3} \times \frac{45}{8}$ $= \frac{1}{1} \times \frac{15}{1}$ $= 15$	$8. 11\frac{1}{2} \div 1\frac{1}{2}$ $= \frac{23}{2} \div \frac{3}{2}$ $= \frac{23}{2} \div \frac{2}{3}$ $= \frac{23}{3}$ $= 7\frac{2}{3}$
$9. 5\frac{13}{16} \div 2\frac{1}{8}$ $= \frac{93}{16} \div \frac{17}{8}$ $= \frac{93}{16} \times \frac{8}{17}$ $= \frac{93}{2} \times \frac{1}{17}$ $= \frac{93}{34}$ $= 2\frac{25}{34}$	$10. 4\frac{3}{8} \times 2\frac{1}{4}$ $= \frac{35}{8} \times \frac{9}{4}$ $= \frac{315}{32}$ $= 9\frac{27}{32}$



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