

Topic	Multiplying Mixed Numbers	
Notes	✓ Convert the mixed numbers into fractions. $a \frac{c}{b} = a + \frac{c}{b} = \frac{ab+c}{b}$ ✓ Multiply fractions and simplify if necessary. $\frac{a}{b} \times \frac{c}{d} = \frac{a \times c}{b \times d}$ ✓ If the answer is an improper fraction (numerator is bigger than denominator), convert it into a mixed number.	
Example	Multiply $2 \frac{1}{2} \times 4 \frac{1}{3}$ Convert mixed numbers into fractions: $2 \frac{1}{2} = \frac{2 \times 2 + 1}{2} = \frac{5}{2}$ and $4 \frac{1}{3} = \frac{4 \times 3 + 1}{3} = \frac{13}{3}$ Multiply two fractions: $\frac{5}{2} \times \frac{13}{3} = \frac{5 \times 13}{2 \times 3} = \frac{65}{6}$ The answer is an improper fraction. Convert it into a mixed number: $\frac{65}{6} = 10 \frac{5}{6}$	
Your Turn! Find more at bit.ly/3aPy7XJ 	1) $2 \frac{2}{3} \times 1 \frac{2}{3} =$	2) $4 \frac{1}{5} \times 2 \frac{2}{3} =$
	3) $3 \frac{3}{5} \times 3 \frac{2}{3} =$	4) $3 \frac{1}{2} \times 4 \frac{1}{3} =$
	5) $5 \frac{3}{4} \times 2 \frac{1}{5} =$	6) $6 \frac{3}{7} \times 9 \frac{1}{4} =$
	7) $4 \frac{4}{5} \times 3 \frac{2}{3} =$	8) $5 \frac{1}{6} \times 3 \frac{1}{4} =$



Asvab Math Study Guide

JR Anderson



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