

# Mixed & Top-heavy Fractions












## Section A

Mixed fraction	Calculation	Top-heavy (improper)
$3\frac{1}{2}$	$\frac{(3 \times 2 + 1)}{2}$	
$1\frac{2}{3}$	$\frac{(1 \times 3 + 2)}{3}$	
$2\frac{1}{5}$	$\frac{(2 \times 5 + 1)}{5}$	
$3\frac{1}{4}$	$\frac{(3 \times 4 + 1)}{4}$	
$1\frac{3}{7}$	$\frac{(1 \times 7 + 3)}{7}$	
$5\frac{1}{6}$	$\frac{(5 \times 6 + 1)}{6}$	
$4\frac{2}{5}$	$\frac{(\quad)}{5}$	
$3\frac{1}{4}$	$\frac{(\quad)}{4}$	
$2\frac{7}{10}$	$\frac{(\quad)}{10}$	

Mixed fraction	Calculation	Top-heavy (improper)
$2\frac{3}{4}$		
$4\frac{1}{3}$		
$2\frac{3}{5}$		
$3\frac{2}{7}$		
$6\frac{1}{11}$		
$7\frac{3}{10}$		
$4\frac{5}{12}$		
$9\frac{2}{3}$		
$11\frac{2}{9}$		

## Section B

Mixed fraction	Calculation	Top-heavy (improper)
		$\frac{5}{3}$
		$\frac{6}{5}$
		$\frac{4}{3}$
		$\frac{9}{7}$
		$\frac{10}{7}$
		$\frac{9}{5}$
		$\frac{8}{3}$
		$\frac{10}{3}$
		$\frac{13}{5}$

Mixed fraction	Calculation	Top-heavy (improper)
		$\frac{7}{4}$
		$\frac{5}{2}$
		$\frac{9}{4}$
		$\frac{11}{4}$
		$\frac{12}{5}$
		$\frac{9}{2}$
		$\frac{13}{4}$
		$\frac{15}{7}$
		$\frac{25}{6}$

## Section C

Mixed fraction	Calculation	Top-heavy (improper)
		$\frac{9}{5}$
		$\frac{14}{3}$
		$\frac{16}{5}$
		$\frac{12}{7}$
$4\frac{2}{3}$		
$7\frac{1}{8}$		
$3\frac{2}{11}$		
$2\frac{3}{20}$		
$8\frac{7}{12}$		

Mixed fraction	Calculation	Top-heavy (improper)
$6\frac{1}{2}$		
		$\frac{16}{3}$
$7\frac{1}{9}$		
$4\frac{4}{5}$		
		$\frac{15}{4}$
$10\frac{4}{7}$		
		$\frac{15}{2}$
		$\frac{20}{3}$
$12\frac{2}{11}$		

## Section D: Simplify fractions where possible

Mixed fraction	Improper Fraction
$1\frac{7}{9}$	
$6\frac{2}{11}$	
$8\frac{3}{5}$	
$11\frac{1}{10}$	
$5\frac{3}{8}$	
$4\frac{7}{12}$	
$12\frac{1}{9}$	
$8\frac{2}{7}$	
$15\frac{3}{10}$	
$13\frac{1}{2}$	
$4\frac{9}{20}$	
$1\frac{13}{33}$	
$2\frac{11}{45}$	

Mixed fraction	Improper Fraction
	$\frac{8}{3}$
	$\frac{18}{5}$
	$\frac{14}{4}$
	$\frac{16}{6}$
	$\frac{15}{9}$
	$\frac{24}{15}$
	$\frac{30}{9}$
	$\frac{28}{12}$
	$\frac{32}{12}$
	$\frac{42}{12}$
	$\frac{56}{20}$
	$\frac{64}{10}$
	$\frac{81}{18}$