Interchanging between Mixed & Top-heavy Fractions

Section A

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

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)
	⦶|||⦷||	$\dfrac{5}{3}$
	⦶|||||⦷|	$\dfrac{6}{5}$
	||||	$\dfrac{4}{3}$
	|||||||||	$\dfrac{9}{7}$
	||||||||||	$\dfrac{10}{7}$
	|||||||||	$\dfrac{9}{5}$
	|||⦷||⦷||	$\dfrac{8}{3}$
	||||||||||	$\dfrac{10}{3}$
	|||||||||||||	$\dfrac{13}{5}$

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

Section C

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

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

Section D: *Simplify fractions where possible*

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

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