Operations with Mixed Numbers			
Show that $1\frac{3}{4} + 2\frac{1}{3} = 4\frac{1}{12}$	Show that $3\frac{1}{2} - 1\frac{3}{5} = 1\frac{9}{10}$	Show that $3\frac{2}{3} \times 1\frac{1}{6} = 4\frac{5}{18}$	Show that $5\frac{2}{3} \div 1\frac{1}{2} = 4\frac{1}{12}$
Write as improper $\frac{7}{4} + \frac{7}{3}$	Write as improper $\frac{7}{2} - \frac{8}{5}$	Write as improper $\frac{11}{3} \times \frac{7}{6}$	Write as improper fractions: $\frac{17}{3} \div \frac{3}{2}$
Find a common denominator: $= \frac{21}{12} + \frac{28}{12}$	Find a common $= \frac{35}{10} - \frac{16}{10}$ denominator:	Multiply numerators and denominators: $=\frac{77}{18}$	Write as multiplication: $=\frac{17}{3} \times \frac{2}{3}$
Add numerators: $= \frac{49}{12}$	Subtract numerators: $=\frac{19}{10}$	Simplify and write as mixed number: $= 4 \frac{5}{18}$	Multiply numerators $=\frac{34}{9}$
Write as mixed number: $=4\frac{1}{12}$	Write as mixed number: $=1\frac{9}{10}$		Simplify and write as mixed number: $=3\frac{7}{9}$
Show that $2\frac{1}{2} + 3\frac{1}{3} = 5\frac{5}{6}$	Show that $4\frac{1}{2} - 2\frac{2}{3} = 1\frac{5}{6}$	Show that $1\frac{3}{4} \times 2\frac{1}{3} = 4\frac{1}{12}$	Show that $4\frac{1}{2} \div 2\frac{2}{3} = 1\frac{11}{16}$
$\frac{5}{2} + \frac{10}{3} = \frac{15}{6} + \frac{20}{6}$	$\frac{9}{2} - \frac{8}{3} = \frac{27}{6} - \frac{16}{6}$	$\frac{7}{4} \times \frac{7}{3}$	$\frac{9}{2} \div \frac{8}{3} = \frac{9}{2} \times \frac{3}{8}$
$=\frac{35}{6}=5\frac{5}{6}$	$=\frac{11}{6}=1\frac{5}{6}$	$=\frac{49}{12}=4\frac{1}{12}$	$=\frac{27}{16}=1\frac{11}{16}$
Show that $5\frac{1}{4} + 1\frac{2}{5} = 6\frac{13}{20}$	Show that $3\frac{4}{5} - 1\frac{2}{3} = 2\frac{2}{15}$	Show that $3\frac{4}{7} \times 2\frac{1}{2} = 8\frac{13}{14}$	Show that $5\frac{3}{4} \div 2\frac{1}{5} = 2\frac{27}{44}$
$\frac{21}{4} + \frac{7}{5} = \frac{105}{20} + \frac{28}{20}$	$\frac{19}{5} - \frac{5}{3} = \frac{57}{15} - \frac{25}{15}$	$\frac{25}{7} \times \frac{5}{2}$	$\frac{23}{4} \div \frac{11}{5} = \frac{23}{4} \times \frac{5}{11}$
$=\frac{133}{20}=6\frac{13}{20}$	$=\frac{32}{15}=2\frac{2}{15}$	$=\frac{125}{14}=8\frac{13}{14}$	$=\frac{115}{44}=2\frac{27}{44}$
Show that $1\frac{2}{3} + 3\frac{5}{7} = 5\frac{8}{21}$	Show that $5\frac{7}{8} - 3\frac{1}{6} = 2\frac{17}{24}$	Show that $5\frac{2}{3} \times 1\frac{7}{8} = 10\frac{5}{8}$	Show that $2\frac{7}{9} \div 3\frac{1}{2} = \frac{50}{63}$
$\frac{5}{3} + \frac{26}{7} = \frac{35}{21} + \frac{78}{21}$	$\frac{47}{8} - \frac{19}{6} = \frac{141}{24} - \frac{76}{24}$	$\frac{17}{3} \times \frac{15}{8}$	$\frac{25}{9} \div \frac{7}{2} = \frac{25}{9} \times \frac{2}{7}$
$=\frac{113}{21}=5\frac{8}{21}$	$=\frac{65}{24}=2\frac{17}{24}$	$=\frac{255}{24}=\frac{85}{8}=10\frac{5}{8}$	$=\frac{50}{63}$