

1001 – Improper fractions and mixed numbers **Level 2**
 Addition, subtraction, multiplication, division

1. Change to improper fractions

E.g. $3\frac{4}{5} = \frac{19}{5}$

or $\frac{19}{5}$ or $2\frac{7}{5}$ or $\frac{17}{5}$ or $4\frac{1}{5}$ or $\frac{21}{5}$

or $1\frac{4}{5}$ or $4\frac{3}{5}$ or $7\frac{2}{5}$

2. Change to mixed numbers

E.g. $\frac{19}{5} = 3\frac{4}{5}$

or $\frac{17}{5}$ or $\frac{16}{5}$ or $\frac{14}{5}$ or $\frac{13}{5}$ or $\frac{11}{5}$

or $\frac{10}{5}$ or $\frac{9}{5}$ or $\frac{8}{5}$

3. Remembering that a fraction is a division sum in disguise, give answers to these sums (convert to a mixed number if you can)

E.g. What is $4 \div 10$? Answer = $\frac{2}{5}$ or $\frac{4}{10}$

E.g. What is $7 \div 4$? Answer = $1\frac{3}{4}$ or $\frac{7}{4}$

or $6 \div 10$ or $8 \div 5$ or $10 \div 7$ or $10 \div 10$ or $12 \div 6$
 or $40 \div 10$ or $20 \div 4$ or $1.5 \div 1.5$ or $1.5 \div 2.5$ or $1.5 \div 1.5$

4. When division sums could these fractions represent?

E.g. $\frac{12}{10}$ could be $12 \div 10$ or $4 \div 10$ or $10 \div 10$ and so on.

or $\frac{1}{2}$ or $\frac{1}{4}$ or $\frac{1}{10}$ or $\frac{1}{5}$ or $\frac{1}{2}$ or $\frac{10}{10}$ or $\frac{1}{10}$