

Calculating with Fractions *ramp up*

ANSWERS

a Simplify $\frac{12}{18}$ $\frac{2}{3}$ simplifying fully (by the HCF)	b Write $2\frac{3}{4}$ as an improper fraction $\frac{11}{4}$ mixed number to improper fraction	c Work out $\frac{1}{5} + \frac{2}{5}$ $\frac{3}{5}$ adding with the same denominator	d Work out $\frac{1}{3} + \frac{1}{4}$ $\frac{7}{12}$ adding with different denominators
e Work out $\frac{5}{6} - \frac{3}{8}$ $\frac{11}{24}$ subtracting, LCD not the product	f Work out $\frac{2}{3} \times \frac{4}{5}$ $\frac{8}{15}$ multiplying two fractions	g Work out $\frac{3}{4} \times 8$ 6 a fraction times a whole number	h Work out $\frac{2}{3} \div \frac{4}{5}$ $\frac{5}{6}$ dividing two fractions
i Work out $6 \div \frac{2}{3}$ 9 a whole number divided by a fraction	j Work out $1\frac{1}{2} + 2\frac{2}{3}$ $4\frac{1}{6}$ adding mixed numbers (carry a 1)	k Work out $3\frac{1}{4} - 1\frac{2}{3}$ $1\frac{7}{12}$ subtracting mixed numbers	l Work out $1\frac{1}{2} \times 2\frac{2}{3}$ 4 multiplying mixed numbers

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