# Answer key

**The method: Dividing mixed and whole numbers**

Change everything to improper fractions, then keep, change, flip.

$5\frac{1}{4} \div 2\frac{1}{2} = \frac{21}{4} \div \frac{5}{2}$ change mixed numbers to improper fractions

$\frac{21}{4} \div \frac{5}{2} = \frac{21}{4} \times \frac{2}{5} = \frac{42}{20}$ keep, change, flip

$\frac{42}{20} = 2\frac{1}{10}$ simplify (÷ 2)

**Problems 1 and 2 worked out · Version 0A**

$3 \div 4\frac{1}{2} = 3 \div \frac{9}{2}$ change mixed numbers to improper fractions

$3 \div \frac{9}{2} = 3 \times \frac{2}{9} = \frac{6}{9}$ keep, change, flip

$\frac{6}{9} = \frac{2}{3}$ simplify (÷ 3)

$5 \div 3\frac{1}{4} = 5 \div \frac{13}{4}$ change mixed numbers to improper fractions

$5 \div \frac{13}{4} = 5 \times \frac{4}{13} = \frac{20}{13}$ keep, change, flip

$\frac{20}{13} = 1\frac{7}{13}$ write as a mixed number

**Dividing mixed and whole numbers · Version 0A**

1) $\frac{2}{3}$ 2) $1\frac{7}{13}$ 3) $2\frac{17}{35}$ 4) $1\frac{5}{16}$ 5) $\frac{4}{7}$ 6) $1\frac{23}{35}$ 7) $1\frac{5}{7}$
8) $\frac{16}{23}$ 9) $1\frac{17}{35}$ 10) $1\frac{1}{12}$ 11) $1\frac{1}{4}$ 12) $\frac{64}{65}$ 13) $\frac{5}{7}$
14) $1\frac{1}{2}$ 15) $\frac{2}{3}$ 16) $2\frac{2}{5}$ 17) $1\frac{23}{52}$ 18) $\frac{54}{95}$ 19) $2\frac{6}{11}$
20) $\frac{8}{9}$ 21) $3\frac{1}{3}$ 22) $2\frac{8}{9}$ 23) $2\frac{4}{13}$ 24) $1\frac{9}{25}$ 25) $1\frac{5}{6}$
26) $\frac{16}{21}$ 27) $\frac{17}{20}$ 28) $\frac{3}{5}$ 29) $\frac{15}{28}$ 30) $1\frac{13}{27}$ 31) $\frac{9}{14}$
32) $\frac{15}{16}$ 33) $\frac{3}{14}$ 34) $\frac{7}{10}$ 35) $1\frac{7}{26}$ 36) $\frac{19}{40}$ 37) $2\frac{1}{5}$
38) $\frac{10}{21}$ 39) $2\frac{2}{5}$ 40) $1\frac{19}{51}$ 41) $2\frac{1}{16}$ 42) $\frac{2}{3}$ 43) $\frac{7}{16}$
44) $2\frac{7}{8}$