Calculating with mixed numbers

Exit ticket ANSWERS Name _____

1. Work out $2\frac{1}{2} \times 1\frac{3}{4}$.

$4\frac{3}{8}$

2. Work out $2\frac{1}{3} \div 1\frac{1}{2}$.

$1\frac{5}{9}$

3. Work out $4\frac{1}{4} - 2\frac{2}{3}$.

$1\frac{7}{12}$

The Maths Habit

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NEXT LESSON

1 Work out $2\frac{1}{2} \times 1\frac{3}{4}$.

$4\frac{3}{8}$

TESTS Changing both mixed numbers to improper fractions, then multiplying

LOOK FOR

$2\frac{3}{8}$ multiplied the whole numbers and the fractions apart

$3\frac{1}{2}$ wrote $2\frac{1}{2}$ as $\frac{4}{2}$: the whole number times the numerator

FIX IT

Work out $1\frac{1}{3} \times 2\frac{1}{5}$. Give your answer as a mixed number. $2\frac{14}{15}$

2 Work out $2\frac{1}{3} \div 1\frac{1}{2}$.

$1\frac{5}{9}$

TESTS Improper fractions, then keep, change, flip

LOOK FOR

$3\frac{1}{2}$ multiplied without flipping

$2\frac{2}{3}$ divided the whole numbers and the fractions apart

FIX IT

Work out $3\frac{1}{2} \div 1\frac{2}{5}$. Give your answer in its simplest form. $2\frac{1}{2}$

3 Work out $4\frac{1}{4} - 2\frac{2}{3}$.

$1\frac{7}{12}$

TESTS Improper fractions, a common denominator, then back to a mixed number

LOOK FOR

$2\frac{5}{12}$ $4 - 2$, then the smaller fraction from the bigger: $\frac{2}{3} - \frac{1}{4}$

9 took away the numerators and the denominators

FIX IT

Work out $4\frac{2}{5} - 1\frac{1}{2}$. Give your answer as a mixed number. $2\frac{9}{10}$