Mixed number × proper fraction

Name _____ Date _____

Write each factor as one fraction. Multiply and reduce.

Give a whole or mixed number when the product is at least one.

Q1 $2\frac{1}{2} \times \frac{2}{3}$

Single fractions

Raw product

Simplest fraction

Final value

Q2 $2\frac{5}{6} \times \frac{1}{6}$

Single fractions

Raw product

Simplest fraction

Final value

Q3 $1\frac{1}{2} \times \frac{2}{3}$

Single fractions

Raw product

Simplest fraction

Final value

Q4 $3\frac{1}{3} \times \frac{5}{6}$

Single fractions

Raw product

Simplest fraction

Final value

Q5 $1\frac{1}{3} \times \frac{1}{3}$

Single fractions

Raw product

Simplest fraction

Final value

Q6 $2\frac{3}{5} \times \frac{1}{2}$

Single fractions

Raw product

Simplest fraction

Final value

Mixed number × proper fraction

Check each step before the final value.

Write each factor as one fraction. Multiply and reduce.

Give a whole or mixed number when the product is at least one.

Q1 $2\frac{1}{2} \times \frac{2}{3}$

Single fractions: 5/2 × 2/3

Raw product: 10/6

Simplest fraction: 5/3

Final value: 1 2/3

Q2 $2\frac{5}{6} \times \frac{1}{6}$

Single fractions: 17/6 × 1/6

Raw product: 17/36

Simplest fraction: 17/36

Final value: 17/36

Q3 $1\frac{1}{2} \times \frac{2}{3}$

Single fractions: 3/2 × 2/3

Raw product: 6/6

Simplest fraction: 1

Final value: 1

Q4 $3\frac{1}{3} \times \frac{5}{6}$

Single fractions: 10/3 × 5/6

Raw product: 50/18

Simplest fraction: 25/9

Final value: 2 7/9

Q5 $1\frac{1}{3} \times \frac{1}{3}$

Single fractions: 4/3 × 1/3

Raw product: 4/9

Simplest fraction: 4/9

Final value: 4/9

Q6 $2\frac{3}{5} \times \frac{1}{2}$

Single fractions: 13/5 × 1/2

Raw product: 13/10

Simplest fraction: 13/10

Final value: 1 3/10