Multiply two mixed numbers

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

Single fractions

Raw product

Simplest fraction

Final value

Q2 $2\frac{5}{6} \times 1\frac{4}{5}$

Single fractions

Raw product

Simplest fraction

Final value

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

Single fractions

Raw product

Simplest fraction

Final value

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

Single fractions

Raw product

Simplest fraction

Final value

Q5 $1\frac{1}{3} \times 2\frac{1}{3}$

Single fractions

Raw product

Simplest fraction

Final value

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

Single fractions

Raw product

Simplest fraction

Final value

Multiply two mixed numbers

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

Single fractions: 3/2 × 7/3

Raw product: 21/6

Simplest fraction: 7/2

Final value: 3 1/2

Q2 $2\frac{5}{6} \times 1\frac{4}{5}$

Single fractions: 17/6 × 9/5

Raw product: 153/30

Simplest fraction: 51/10

Final value: 5 1/10

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

Single fractions: 3/2 × 4/3

Raw product: 12/6

Simplest fraction: 2

Final value: 2

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

Single fractions: 10/3 × 11/6

Raw product: 110/18

Simplest fraction: 55/9

Final value: 6 1/9

Q5 $1\frac{1}{3} \times 2\frac{1}{3}$

Single fractions: 4/3 × 7/3

Raw product: 28/9

Simplest fraction: 28/9

Final value: 3 1/9

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

Single fractions: 13/5 × 7/2

Raw product: 91/10

Simplest fraction: 91/10

Final value: 9 1/10