

Lesson 6-10 • Apply Day

Reinforce Understanding

6.10 • Part II

I can divide mixed numbers by first changing them to improper fractions.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Divide the mixed-number amounts: $2\frac{1}{2} \div 1\frac{1}{3}$.

Complete each step, then write the final answer.

$\frac{1}{4}$ Bar Model

1. Rewrite $2\frac{1}{2}$ as an improper fraction: ____.
2. Use the reciprocal of $\frac{4}{3}$: ____.
3. Multiply and simplify: ____.

Answer: _____

2. Divide the mixed-number amounts: $3\frac{1}{2} \div 2\frac{1}{3}$.

Complete each step, then write the final answer.

$\frac{1}{4}$ Bar Model

1. Rewrite $3\frac{1}{2}$ as an improper fraction: ____.
2. Use the reciprocal of $\frac{7}{3}$: ____.
3. Multiply and simplify: ____.

Answer: _____

3. Divide the mixed-number amounts: $4\frac{1}{2} \div 3\frac{1}{3}$.

Complete each step, then write the final answer.

$\frac{1}{4}$ Bar Model

1. Rewrite $4\frac{1}{2}$ as an improper fraction: ____.
2. Use the reciprocal of $\frac{10}{3}$: ____.
3. Multiply and simplify: ____.

Answer: _____