

WARM UP

1) $11 - \frac{3}{8} =$

2) $2 \frac{3}{5} - 1 \frac{1}{3} =$

3) $6 \frac{1}{2} - 2 \frac{5}{8} =$

4) $12 \frac{3}{4} + 5 \frac{4}{9} =$

MATH COURSE I

Multiplying
Mixed Numbers

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Improper fractions

Changing a mixed number to an improper fraction.

- Multiply denominator by whole number and add the numerator. (keep denominator the same)

$$1 \frac{3}{5} = 5 \times 1 + 3 = \frac{8}{5}$$

- Or: change whole number into a fraction and add it to the other fraction.

$$1 \frac{3}{5} = \frac{5}{5} + \frac{3}{5} = \frac{8}{5}$$

Multiplying

Step 1: Write mixed numbers as improper fractions.

Step 2: Divide first numerator and second denominator or first denominator and second numerator by GCF *optional (cross divide)

Step 3: Multiply across.

Step 4: Simplify.

EXAMPLE

Reteach Page 6-2

$$2 \frac{1}{7} \times 2 \frac{2}{5} =$$

PRACTICE

- Complete questions 15-20 on page 269.