

Mixed Numbers vs Fractions

Objectives: 4.NF.A

Convert a mixed number to a fraction and vice versa.

Warm-up Problem: Use the numbers below to make the number 5 by combining them with appropriate mathematical symbols. You can rearrange them in any way you want, but be sure to use all 4 numbers.

9, 8, 3, 4

1. Write each fraction as a mixed number.

• $\frac{22}{3}$

• $\frac{48}{9}$

• $\frac{77}{5}$

• $\frac{111}{6}$

• $\frac{592}{8}$

• $\frac{1,000}{12}$

• $\frac{82,936}{10}$

• $\frac{40,404}{20}$

2. Write each mixed number as a fraction.

• $13\frac{1}{2}$

• $11\frac{2}{5}$

• $6\frac{9}{11}$

• $25\frac{3}{4}$

• $8\frac{4}{9}$

• $22\frac{1}{6}$

• $106\frac{3}{10}$

• $299\frac{5}{12}$

1. Write each fraction as a mixed number.

• $\frac{19}{2}$

• $\frac{24}{5}$

• $\frac{68}{6}$

• $\frac{82}{5}$

• $\frac{65}{8}$

• $\frac{191}{7}$

• $\frac{289}{11}$

• $\frac{444}{9}$

2. Write each mixed number as a fraction.

• $5\frac{3}{7}$

• $9\frac{2}{5}$

• $2\frac{3}{16}$

• $12\frac{7}{8}$

• $101\frac{2}{3}$

• $24\frac{1}{9}$

• $322\frac{1}{4}$

• $4\frac{12}{25}$

Challenge Problem: Draw a picture that explains the equation: $4\frac{4}{5} = \frac{24}{5}$