

MATH · GRADE 5

# Mixed Numbers & Improper Fractions

Convert in both directions

## How to convert

IMPROPER → MIXED: divide top by bottom. The whole-number quotient is the whole part; the remainder over the original denominator is the fraction part. e.g.  $11/4 = 2 \text{ r } 3 = 2 \frac{3}{4}$ . MIXED → IMPROPER: multiply the whole by the denominator, add the numerator. e.g.  $3 \frac{1}{5} = (3 \times 5 + 1)/5 = 16/5$ .

## Improper → Mixed

$7/3 =$

$11/4 =$

$9/2 =$

$17/5 =$

$23/6 =$

$31/8 =$

$29/4 =$

$47/10 =$

## Mixed → Improper

$2 \frac{1}{2} =$

$3 \frac{2}{3} =$

$4 \frac{1}{5} =$

$5 \frac{3}{4} =$

$1 \frac{7}{8} =$

$6 \frac{2}{5} =$

$7 \frac{3}{10} =$

$9 \frac{1}{6} =$

