

Name: _____

Date: _____

Converting Mixed Numbers and Improper Fractions



Mixed Number → Improper Fraction

1. Multiply the whole number by the denominator.
2. Add the numerator.
3. Keep the same denominator.
4. Write the answer as a fraction.

Example: $2\frac{1}{4} = \frac{(2 \times 4) + 1}{4} = \frac{9}{4}$

Improper Fraction → Mixed Number

1. Divide the numerator by the denominator.
2. The quotient is the whole number.
3. The remainder is the numerator.
4. Keep the same denominator.

Example: $\frac{11}{4} = 11 \div 4 = 2 \text{ R } 3 = 2\frac{3}{4}$

A. Convert each mixed number to an improper fraction.

1. $2\frac{1}{3} =$ _____

2. $3\frac{2}{5} =$ _____

3. $4\frac{3}{6} =$ _____

4. $1\frac{3}{4} =$ _____

5. $5\frac{1}{2} =$ _____

6. $2\frac{5}{8} =$ _____

7. $3\frac{3}{7} =$ _____

8. $6\frac{2}{3} =$ _____

9. $1\frac{7}{10} =$ _____

B. Convert each improper fraction to a mixed number.

1. $\frac{7}{3} =$ _____

2. $\frac{11}{4} =$ _____

3. $\frac{16}{5} =$ _____

4. $\frac{13}{6} =$ _____

5. $\frac{17}{8} =$ _____

6. $\frac{19}{9} =$ _____

7. $\frac{23}{7} =$ _____

8. $\frac{29}{10} =$ _____

9. $\frac{31}{12} =$ _____