Comprehensive Fractions Math Test

Name: _____ **Date:** _____

Convert to Improper Fractions

- $4\frac{1}{3} =$ _____
- $3\frac{2}{7} =$ _____
- $5\frac{3}{5} =$ _____
- $2\frac{5}{8} =$ _____
- $6\frac{1}{4} =$ _____

Convert to Mixed Numbers

- $\frac{19}{5} =$ _____
- $\frac{26}{7} =$ _____
- $\frac{34}{9} =$ _____
- $\frac{25}{6} =$ _____
- $\frac{22}{8} =$ _____

Equivalent Fractions

- $\frac{1}{4} = \frac{\quad}{16}$
- $\frac{2}{5} = \frac{14}{\quad}$
- $\frac{3}{7} = \frac{\quad}{21}$
- $\frac{5}{6} = \frac{15}{\quad}$
- $\frac{4}{9} = \frac{\quad}{27}$

Reduce to Simplest Form

- $\frac{14}{21} =$ _____
- $\frac{18}{24} =$ _____
- $\frac{16}{28} =$ _____
- $\frac{30}{45} =$ _____
- $\frac{21}{35} =$ _____

Addition and Subtraction of Fractions

- $\frac{2}{9} + \frac{4}{9} =$ _____
- $\frac{8}{11} - \frac{3}{11} =$ _____
- $\frac{1}{3} + \frac{1}{6} =$ _____
- $\frac{2}{3} - \frac{1}{9} =$ _____
- $\frac{3}{8} + \frac{1}{12} =$ _____

Sort Fractions in Order

Arrange these fractions from smallest to largest:

$$\frac{2}{3}, \frac{1}{4}, \frac{3}{12}, \frac{5}{6}$$

Answer: ____, ____, ____, ____

Arrange these mixed numbers from largest to smallest:

$$3\frac{1}{8}, 2\frac{3}{4}, 3\frac{1}{4}, 2\frac{1}{2}$$

Answer: ____, ____, ____, ____