

Year 3 Mathematics Worksheet

Fractions and Factors

Name: _____ Date: _____

Section A: Convert Mixed Numbers to Improper Fractions

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

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

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

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

5. $2 \frac{3}{4} =$ _____

Section B: Add the Fractions

1. $\frac{1}{4} + \frac{2}{4} =$ _____

2. $\frac{3}{5} + \frac{1}{5} =$ _____

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

4. $\frac{4}{7} + \frac{2}{7} =$ _____

5. $\frac{5}{8} + \frac{1}{8} =$ _____

Section C: Subtract the Fractions

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

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

3. $\frac{7}{8} - \frac{3}{8} =$ _____

4. $\frac{9}{10} - \frac{4}{10} =$ _____

5. $\frac{6}{7} - \frac{1}{7} =$ _____

Section D: Factors and Common Factors

1. Factors of 12 = _____

2. Factors of 15 = _____

3. Common factors of 8 and 12 = _____

4. Common factors of 10 and 15 = _____

5. Common factors of 12 and 16 = _____

Teacher's Answer Guide

Section A: $\frac{3}{2}$, $\frac{7}{3}$, $\frac{17}{5}$, $\frac{17}{4}$, $\frac{11}{4}$

Section B: $\frac{3}{4}$, $\frac{4}{5}$, $\frac{5}{6}$, $\frac{6}{7}$, $\frac{6}{8}$

Section C: $\frac{2}{4}$, $\frac{3}{6}$, $\frac{4}{8}$, $\frac{5}{10}$, $\frac{5}{7}$

Section D:

Factors of 12 = 1, 2, 3, 4, 6, 12

Factors of 15 = 1, 3, 5, 15

Common factors of 8 and 12 = 1, 2, 4

Common factors of 10 and 15 = 1, 5

Common factors of 12 and 16 = 1, 2, 4