

## 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.  $9/10 - 4/10 =$  \_\_\_\_\_

5.  $6/7 - 1/7 =$  \_\_\_\_\_

**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:  $3/2, 7/3, 17/5, 17/4, 11/4$**

**Section B:  $3/4, 4/5, 5/6, 6/7, 6/8$**

**Section C:  $2/4, 3/6, 4/8, 5/10, 5/7$**

**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**