Fractions Worksheet – Class 6

Section A: Identify the Fraction

Write the fraction for the shaded part:

1. 3 parts shaded out of 8 = _____
2. 5 parts shaded out of 10 = _____
3. 2 parts shaded out of 7 = _____
4. 6 parts shaded out of 9 = _____

Section B: Types of Fractions

Write whether each fraction is **Proper, Improper, or Mixed**:

1. 3/5 → _____
2. 9/4 → _____
3. 2 1/3 → _____
4. 7/7 → _____
5. 11/6 → _____

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Section C: Simplify the Fractions

Reduce to simplest form:

1. 4/8 = _____
2. 10/20 = _____
3. 6/9 = _____
4. 12/16 = _____
5. 15/25 = _____

Section D: Addition of Fractions

Add:

1. 1/4 + 2/4 = _____
2. 3/5 + 1/5 = _____
3. 2/3 + 1/3 = _____
4. 5/6 + 1/6 = _____
5. 7/8 + 1/8 = _____

Section E: Subtraction of Fractions

Subtract:

1. 5/6 – 2/6 = _____
2. 7/9 – 3/9 = _____
3. 4/5 – 1/5 = _____
4. 9/10 – 4/10 = _____
5. 6/7 – 2/7 = _____

Section F: Multiplication of Fractions

Multiply:

1. 2/3 × 3/4 = _____
2. 5/6 × 2/5 = _____
3. 4/7 × 7/8 = _____
4. 3/5 × 10/3 = _____
5. 6/11 × 11/12 = _____

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Section G: Division of Fractions

Divide:

1. 3/4 ÷ 1/2 = _____
2. 5/6 ÷ 5/3 = _____
3. 7/8 ÷ 7/4 = _____
4. 9/10 ÷ 3/5 = _____
5. 4/9 ÷ 2/3 = _____

Section H: Word Problems

Solve the following:

1. Riya ate 2/5 of a cake. How much cake is left? _____
2. A rope is 10 meters long. 3/5 of it is cut. How much rope remains? _____
3. A student studied for 3/4 hour in the morning and 1/4 hour in the evening. Total study time? _____
4. A pizza is divided into 8 slices. If 3 slices are eaten, what fraction is left? _____