

Adding and Subtracting Fractions Worksheet Answer Key

Bits Plus Bits Plus Pieces Minus Bits = Bits and Pieces

1. $\frac{3}{7} + \frac{2}{7}$

$$\frac{3+2}{7} = \frac{5}{7}$$

2. $\frac{1}{9} + \frac{4}{9}$

$$\frac{1+4}{9} = \frac{5}{9}$$

3. $\frac{5}{8} + \frac{3}{8}$

$$\frac{5+3}{8} = \frac{8}{8} = 1$$

4. $\frac{7}{9} + \frac{4}{9}$

$$\frac{7+4}{9} = \frac{11}{9} = 1\frac{2}{9}$$

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

LCM of the fractions is 10

$$\frac{1}{2} = \frac{?}{10}; \quad \frac{1 \times 5}{2 \times 5} = \frac{5}{10}$$

$$\frac{3}{5} = \frac{?}{10}; \quad \frac{2 \times 2}{5 \times 2} = \frac{6}{10}$$

$$\frac{5}{10} + \frac{6}{10} = \frac{11}{10} = 1\frac{1}{10}$$

6. $\frac{5}{6} + \frac{1}{6}$

$$\frac{5+1}{6} = \frac{6}{6} = 1$$

7. $\frac{8}{9} - \frac{2}{3}$

LCM of the fractions is 9

$$\frac{2}{3} = \frac{?}{9}; \quad \frac{2 \times 3}{3 \times 3} = \frac{6}{9}$$

$$\frac{8}{9} - \frac{6}{9} = \frac{8-6}{9} = \frac{2}{9}$$

8. $\frac{7}{8} - \frac{1}{4}$

LCM of the fractions is 8

$$\frac{1}{4} = \frac{?}{8}; \quad \frac{1 \times 2}{4 \times 2} = \frac{2}{8}$$

$$\frac{7}{8} - \frac{2}{8} = \frac{7-2}{8} = \frac{5}{8}$$

9. $\frac{11}{12} - \frac{1}{6}$

LCM of the fractions is 12

$$\frac{1}{6} = \frac{?}{12}; \quad \frac{1 \times 2}{6 \times 2} = \frac{2}{12}$$

$$\frac{11}{12} - \frac{2}{12} = \frac{11-2}{12} = \frac{9}{12} = \frac{3}{4}$$

10. $1\frac{3}{4} - \frac{1}{2}$

$$\frac{7}{4} - \frac{1}{2} = \frac{7}{4} - \frac{2}{4} = \frac{5}{4}$$

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