

Algebra: Adding, Subtracting, Multiplying & Dividing Fractions Practice

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DIRECTIONS

Perform the indicated operation. Simplify all answers to lowest terms.

1 Divide:

$$\frac{7}{6} \div \frac{2}{8}$$

Answer: _____

2 Divide:

$$\frac{5}{8} \div \frac{9}{3}$$

Answer: _____

3 Multiply:

$$\frac{1}{4} \times \frac{8}{6}$$

Answer: _____

4 Add:

$$\frac{6}{3} + \frac{9}{10}$$

Answer: _____

5 Add:

$$\frac{9}{2} + \frac{3}{3}$$

Answer: _____

6 Subtract:

$$\frac{8}{6} - \frac{2}{4}$$

Answer: _____

7 Divide:

$$\frac{8}{5} \div \frac{6}{8}$$

Answer: _____

8 Add:

$$\frac{5}{9} + \frac{8}{10}$$

Answer: _____

9 Divide:

$$\frac{3}{2} \div \frac{1}{5}$$

Answer: _____

10 Divide:

$$\frac{1}{9} \div \frac{8}{10}$$

Answer: _____

Answer Key & Solutions

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TEACHER NOTES For add/subtract: find LCD first. For divide: multiply by reciprocal. Always simplify!

1 Divide:

$$= \frac{14}{3}$$

$$\frac{7}{6} \div \frac{2}{8}$$

2 Divide:

$$= \frac{5}{24}$$

$$\frac{5}{8} \div \frac{9}{3}$$

3 Multiply:

$$= \frac{1}{3}$$

$$\frac{1}{4} \times \frac{8}{6}$$

4 Add:

$$= \frac{29}{10}$$

$$\frac{6}{3} + \frac{9}{10}$$

5 Add:

$$= \frac{11}{2}$$

$$\frac{9}{2} + \frac{3}{3}$$

6 Subtract:

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

$$\frac{8}{6} - \frac{2}{4}$$

7 Divide:

$$= \frac{32}{15}$$

$$\frac{8}{5} \div \frac{6}{8}$$

8 Add:

$$= \frac{61}{45}$$

$$\frac{5}{9} + \frac{8}{10}$$

9 Divide:

$$= \frac{15}{2}$$

$$\frac{3}{2} \div \frac{1}{5}$$

10 Divide:

$$= \frac{5}{36}$$

$$\frac{1}{9} \div \frac{8}{10}$$