

Order of Operations (BEDMAS) with Fractions and Mixed Numbers

1. Evaluate.

$$\text{a) } \left(\frac{1}{2} + \frac{1}{3}\right) \times \frac{2}{5}$$

$$\text{b) } \frac{7}{8} - \frac{1}{4} \times \frac{1}{2}$$

$$\text{c) } \frac{5}{6} + \frac{2}{3} \div \frac{1}{4}$$

$$\text{d) } \frac{5}{16} - \frac{11}{10} \div \frac{22}{5}$$

$$\text{e) } \left(\frac{2}{3} - \frac{1}{4}\right) + \left(\frac{1}{2} \times \frac{1}{3}\right)$$

$$\text{f) } \frac{4}{5} + \frac{1}{2} - \frac{1}{3}$$

$$\text{g) } \left(\frac{3}{4} + \frac{2}{3}\right) \times \frac{1}{2}$$

$$\text{h) } \frac{2}{3} + \frac{1}{3} \times \frac{1}{2}$$

$$\text{i) } \frac{7}{8} + \frac{1}{4} \times \left(\frac{3}{2} - \frac{5}{8}\right)$$

$$\text{j) } \left(\frac{10}{7} - \frac{1}{2}\right) \times \left(\frac{2}{3} + \frac{5}{6}\right)$$

$$\text{k) } \frac{3}{4} - \frac{12}{7} \div \frac{12}{21} + \frac{4}{5}$$

$$\text{l) } \frac{5}{2} \times \left(\frac{2}{3} - \frac{1}{5}\right) - \left(\frac{2}{5} \div \frac{4}{3}\right)$$

2. Evaluate.

$$\text{a) } 2\frac{1}{2} + \left(3\frac{1}{4} - 1\frac{7}{8}\right)$$

$$\text{b) } \left(2\frac{1}{2} - 1\frac{1}{3}\right) \times 3\frac{1}{7}$$

$$\text{c) } 1\frac{1}{4} + 2\frac{1}{3} \div \frac{1}{6}$$

$$\text{d) } 2\frac{1}{10} \div 1\frac{1}{2} - 1\frac{1}{15}$$

$$\text{e) } \left(1\frac{1}{2} + 2\frac{3}{4}\right) - \left(4\frac{1}{2} - 3\frac{3}{4}\right)$$

$$\text{f) } 2\frac{1}{2} \times 1\frac{1}{2} \div \left(1\frac{1}{5} - \frac{3}{4}\right)$$

$$\text{g) } 2\frac{1}{2} \div 1\frac{1}{3} \times \left(\frac{2}{5} + 1\frac{1}{3}\right)$$

$$\text{h) } 4\frac{1}{2} \times 1\frac{1}{4} + 2\frac{1}{2} \times 1\frac{1}{4} + 3\frac{1}{4}$$