

Basic Fractions

Extra Practice Basic Fraction Questions

Answers

$$1. \quad 6 + \frac{25}{30} + \frac{18}{30} = 6 + \frac{43}{30} = 7 \frac{13}{30}$$

$$2. \quad 3 + \frac{6}{15} - \frac{10}{15} = 3 - \frac{4}{15} = 2 \frac{11}{15}$$

$$3. \quad \frac{11}{\cancel{4}^1} \times \frac{\cancel{4}^1}{3} = \frac{11}{3} = 3 \frac{2}{3}$$

$$4. \quad \frac{11}{2} \div \frac{11}{3} = \frac{\cancel{11}^1}{2} \times \frac{3}{\cancel{11}^1} = \frac{3}{2} = 1 \frac{1}{2}$$

$$5. \quad \frac{3}{8} \times \left(\frac{5}{3} - \frac{4}{7} \right) = \frac{3}{8} \times \left(\frac{35}{21} - \frac{12}{21} \right) = \frac{\cancel{3}^1}{8} \times \frac{23}{\cancel{21}^7} = \frac{23}{56}$$

$$6. \quad \frac{3}{7} \times \left(\frac{11}{6} + \frac{3}{4} \right) = \frac{3}{7} \times \left(\frac{22}{12} + \frac{9}{12} \right) = \frac{\cancel{3}^1}{7} \times \frac{31}{\cancel{12}^4} = \frac{31}{28} = 1 \frac{3}{28}$$