

11/20

BEDMAS corrections  
p 89

$$\begin{aligned}
 \frac{1}{2} \quad \textcircled{6} \quad \frac{1}{2}z - \frac{1}{8} \quad z = \frac{3}{5} \\
 &= \frac{1}{2} \cdot \frac{3}{5} - \frac{1}{8} \\
 &= \frac{1 \cdot 3}{2 \cdot 5} - \frac{1}{8} \\
 &= \frac{3 \times 4}{10 \times 4} - \frac{1 \times 5}{8 \times 5} \quad \underline{CD} = \begin{array}{l} 40 \\ \text{or} \\ 80 \end{array} \\
 &= \frac{12}{40} - \frac{5}{40} \\
 &= \frac{12 - 5}{40} \\
 &= \frac{7}{40}
 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4\left(m + \frac{3}{4}\right) \text{ if } m = \frac{5}{4} \\ & = \frac{4}{1} \left( \frac{5}{4} + \frac{3}{4} \right) \\ & = \frac{4}{1} \left( \frac{5+3}{4} \right) \\ & = \frac{4}{1} \left( \frac{8}{4} \right) \\ & = \frac{4}{1} (2) \\ & = 4(2) \\ & = 8 \end{aligned}$$

$$10. \quad (5x) \div (3x) \text{ if } x = \frac{2}{3}$$

$$\left( \frac{5 \cdot 2}{1 \cdot 3} \right) \div \left( 3 \cdot \frac{2}{3} \right)$$

$$= \frac{5 \cdot 2}{1 \cdot 3} \div \left( 3 \cdot \frac{2}{3} \right)$$

$$= \frac{10}{3} \div \left( \frac{\cancel{3} \cdot 2}{\cancel{3}} \right)$$

$$= \frac{10}{3} \div \left( \frac{1 \cdot 2}{1} \right)$$

$$= \frac{10}{3} \div \left( \frac{1 \cdot 2}{1 \cdot 1} \right)$$

$$= \frac{10}{3} \div \frac{2}{1}$$

$$= \frac{\cancel{5} \cdot \cancel{10} \cdot 2}{3} \times \frac{1}{\cancel{2}}$$

$$= \frac{5}{3} \times \frac{1}{1}$$

$$= \frac{5}{3} \cdot \frac{1}{1}$$

$$= \frac{5}{3}$$

$$\begin{array}{r} 3 \overline{) 5} \\ \underline{-3} \\ 2 \end{array}$$

## Word Problems

①.

$$\frac{2}{\cancel{13:3}} \times \frac{\cancel{26:3}}{7} \times \frac{17}{20}$$

$$= \frac{2}{1} \times \frac{2}{7} \times \frac{17}{20}$$

$$= \frac{2 \times 2}{1 \times 7} \times \frac{17}{20}$$

$$= \frac{\cancel{4:4}}{7} \times \frac{17}{\cancel{520:4}}$$

$$= \frac{1 \times 17}{7 \times 5} \quad \text{H/W \# 2-8}$$

$$= \frac{17}{35}$$