

$$1 \quad 3.85 + \left\{ \left( 0.4 \times \left( 2.35 - 1\frac{3}{4} \right) - 0.1 \right) \div \left( 0.8 + \frac{2}{15} \right) \right\} = 4$$

$$\text{ア} \dots 2.35 - 1\frac{3}{4} = 2.35 - 1.75 = 0.6$$

$$\text{イ} \dots 0.4 \times 0.6 - 0.1 = 0.24 - 0.1 = 0.14$$

$$\text{ウ} \dots 0.8 + \frac{2}{15} = \frac{4}{5} + \frac{2}{15} = \frac{12}{15} + \frac{2}{15} = \frac{14}{15}$$

$$\text{エ} \dots 0.14 \div \frac{14}{15} = \frac{14}{100} \div \frac{14}{15} = \frac{14 \times 15}{100 \times 14} = \frac{3}{20} = 0.15$$

$$3.85 + \text{エ} = 3.85 + 0.15 = 4$$

$$2 \quad \left( \left( 3\frac{3}{4} - 1\frac{5}{6} \right) \div 2\frac{3}{10} - \square \right) + 2\frac{1}{12} \times \frac{1}{5} = 1$$

$$\square = \frac{1}{4} \quad (0.25 \text{ でも正解})$$

$$\text{ア} \dots 3\frac{3}{4} - 1\frac{5}{6} = 3\frac{9}{12} - 1\frac{10}{12} = 2\frac{21}{12} - 1\frac{10}{12} = 1\frac{11}{12} = \frac{23}{12}$$

$$\text{イ} \dots \frac{23}{12} \div 2\frac{3}{10} = \frac{23}{12} \div \frac{23}{10} = \frac{23 \times 10}{12 \times 23} = \frac{5}{6}$$

$$\text{ウ} \dots 2\frac{1}{12} \times \frac{1}{5} = \frac{25}{12} \times \frac{1}{5} = \frac{25 \times 1}{12 \times 5} = \frac{5}{12}$$

$$\text{エ} \dots 1 - \frac{5}{12} = \frac{7}{12}$$

$$\text{イ} - \text{エ} = \frac{5}{6} - \frac{7}{12} = \frac{10}{12} - \frac{7}{12} = \frac{3}{12} = \frac{1}{4} \quad (0.25 \text{ でも正解})$$