

四谷大塚場合不合テストの / (3) 程度の難易度です。

(問題) 6_6_4

$$\left\{ 2\frac{1}{3} - \left(1.5 + \frac{7}{12} \right) \right\} \div \square + 1.25 \times \frac{2}{3} = 1$$

$$\left\{ 2\frac{1}{3} - \left(1.5 + \frac{7}{12} \right) \right\} \div \square + 1.25 \times \frac{2}{3} = 1$$

$$\begin{array}{|c|c|c|} \hline & \textcircled{1} & \textcircled{3} \\ \hline \textcircled{2} & & \\ \hline \end{array}$$

計算できるところは先に計算しておく。

$$\textcircled{1} \cdots 1.5 + \frac{7}{12} = \frac{25}{12}$$

$$\textcircled{2} \cdots 2\frac{1}{3} - \frac{25}{12} = \frac{1}{4}$$

$$1.25 = 1 + 0.25 = 1\frac{1}{4} = \frac{5}{4}$$

$$\textcircled{3} \cdots 1.25 \times \frac{2}{3} = \frac{5}{4} \times \frac{2}{3} = \frac{5}{6}$$

もとの式は,

$$\frac{1}{4} \div \square + \frac{5}{6} = 1$$

$$\frac{1}{4} \div \square = 1 - \frac{5}{6}$$

$$1 - \frac{5}{6} = \frac{1}{6}$$

$$\frac{1}{4} \div \square = \frac{1}{6}$$

$$\frac{1}{4} \times \frac{6}{1} = \frac{3}{2} = 1\frac{1}{2}$$

$$\square = \frac{1}{4} \div \frac{1}{6}$$

$$= 1\frac{1}{2}$$

$$1\frac{1}{2}$$