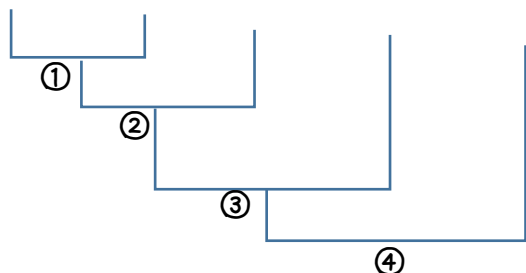


四谷大塚場合不合テストの / (3) の難易度です。

(問題) / 4_4_4

$$\left\{ \left(1.75 - \frac{1}{12} \right) \div 3\frac{1}{3} + 0.3125 \right\} \div 6\frac{1}{2}$$

$$\left\{ \left(1.75 - \frac{1}{12} \right) \div 3\frac{1}{3} + 0.3125 \right\} \div 6\frac{1}{2}$$



$$1.75 = 1 + 0.75 = 1 + \frac{1}{4} \text{ より}$$

$$\textcircled{1} \dots 1 + \frac{1}{4} - \frac{1}{12} = 1 + \frac{2}{3}$$

$$\textcircled{2} \dots \left(1 + \frac{2}{3} \right) \div 3\frac{1}{3} = \frac{5}{3} \times \frac{3}{10} = \frac{1}{2} = 0.5$$

$$\textcircled{3} \dots 0.5 + 0.3125 = 0.8125$$

$$\textcircled{4} \dots 0.8125 \div 6\frac{1}{2} = 0.8125 \div 6.5 = 0.125$$

$$0.125 \left(\frac{1}{8} \right)$$

$$\begin{array}{r} 0.125 \\ 6.5 \overline{) 0.8125} \\ \underline{65} \\ 162 \\ \underline{130} \\ 325 \\ \underline{325} \\ 0 \end{array}$$

$$0.3125 = 0.3 + 0.0125 = \frac{3}{10} + \frac{1}{80} = \frac{5}{16}$$

$$\textcircled{3} \dots 0.5 + 0.3125 = \frac{1}{2} + \frac{5}{16} = \frac{13}{16} \text{ とすることもできます。}$$

$$\textcircled{4} \dots \frac{13}{16} \div 6\frac{1}{2} = \frac{1}{8}$$

$$\frac{1}{8}$$