



★今週の1題★ 計算問題 ～解説～

$$\begin{aligned}(1) \text{与式} &= 1 - \frac{1}{4 \times 5} + 1 - \frac{1}{5 \times 6} + 1 - \frac{1}{6 \times 7} + 1 - \frac{1}{7 \times 8} + 1 - \frac{1}{8 \times 9} + 1 - \frac{1}{9 \times 10} \\ &= 6 - \left(\frac{1}{4 \times 5} + \frac{1}{5 \times 6} + \frac{1}{6 \times 7} + \frac{1}{7 \times 8} + \frac{1}{8 \times 9} + \frac{1}{9 \times 10} \right) \\ &= 6 - \left(\frac{1}{4} - \frac{1}{5} + \frac{1}{5} - \frac{1}{6} + \frac{1}{6} - \frac{1}{7} + \frac{1}{7} - \frac{1}{8} + \frac{1}{8} - \frac{1}{9} + \frac{1}{9} - \frac{1}{10} \right) \\ &= 6 - \left(\frac{1}{4} - \frac{1}{10} \right) \\ &= 6 - \frac{3}{20} \\ &= 5 \frac{17}{20} \quad \dots(\text{答})\end{aligned}$$

$$\begin{aligned}(2) \text{与式} &= 1.67 \times (1.49 + 3.52) + 5.01 \times (1.49 + 1.83) \\ &= 5.01 \times (1.67 + 1.49 + 1.83) \\ &= 5.01 \times 4.99 \\ &= 5 \times 5 - 0.01 \times 0.01 \\ &= 24.999 \quad \dots(\text{答})\end{aligned}$$