

受験算数の計算達人～第21回分母・分子の口を求める計算（逆算）～

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例題 □に当てはまる数を答えなさい。

(1) $4 \div \frac{1}{3} \times \frac{\square}{16} = 2\frac{1}{4}$

計算できる! ↓

$$4 \div \frac{1}{3} \times \square = 2\frac{1}{4}$$

$$12 \times \square = 2\frac{1}{4}$$

$$\square = 2\frac{1}{4} \div 12 = \frac{3}{16}$$

$$\frac{\square}{16} = \frac{3}{16}$$

$$\square = 3$$

(2) $\frac{1}{16} + \frac{1}{24} + \frac{1}{\square} = \frac{1}{8}$

計算できる! ↓

$$\frac{1}{16} + \frac{1}{24} + \square = \frac{1}{8}$$

$$\frac{5}{48} + \square = \frac{1}{8}$$

$$\square = \frac{1}{8} - \frac{5}{48} = \frac{1}{48}$$

$$\frac{1}{\square} = \frac{1}{48}$$

$$\square = 48$$

(3) $\frac{150}{\square \times 7 - 64} \times 0.3 = 7\frac{1}{2}$

$$\square = 7\frac{1}{2} \div 0.3 = \frac{15}{2} \div \frac{3}{10} = 25$$

$$\frac{150}{\square \times 7 - 64} = 25$$

$$150 \div (\square \times 7 - 64) = 25$$

$$\square = 150 \div 25 = 6$$

$$\square \times 7 - 64 = 6$$

$$\square = 6 + 64 = 70$$

$$\square \times 7 = 70$$

$$\square = 70 \div 7 = 10$$

(4) $\frac{1}{8} + \frac{3}{7 \times (17 - \square)} = \frac{5}{28}$

$$\square = \frac{5}{28} - \frac{1}{8} = \frac{3}{56}$$

$$\frac{3}{7 \times (17 - \square)} = \frac{3}{56}$$

$$3 \div \{7 \times (17 - \square)\} = \frac{3}{56}$$

$$\square = 3 \div \frac{3}{56} = 56$$

$$7 \times (17 - \square) = 56$$

$$\square = 56 \div 7 = 8$$

$$17 - \square = 8$$

$$\square = 17 - 8 = 9$$