



計算

分 秒

/ 6点



次の□にあてはまる数を求めなさい

(1) $3.36 \div (1.125 - \frac{3}{8}) + \frac{1}{5} = \square$ (2) $5\frac{1}{3} - 0.2 \times (\frac{1}{3} + \frac{1}{2}) \div 1.2 \times 2.5 = \square$

$$\begin{aligned} & 3.36 \div (1.125 - \frac{3}{8}) + \frac{1}{5} \\ &= 3.36 \div (\frac{9}{8} - \frac{3}{8}) + \frac{1}{5} \\ &= 3.36 \div \frac{3}{4} + \frac{1}{5} \\ &= \frac{336}{100} \times \frac{4}{3} + \frac{1}{5} \\ &= \frac{448}{100} + \frac{1}{5} \\ &= 4.48 + 0.2 \\ &= 4.68 \end{aligned}$$

4.68

$$\begin{aligned} &= 5\frac{1}{3} - 0.2 \times (\frac{1}{3} + \frac{1}{2}) \div 1.2 \times 2.5 \\ &= 5\frac{1}{3} - 0.2 \times (\frac{2}{6} + \frac{3}{6}) \div 1.2 \times 2.5 \\ &= 5\frac{1}{3} - \frac{1}{5} \times \frac{5}{6} \div \frac{6}{5} \times \frac{5}{2} \\ &= 4\frac{4}{3} - \frac{1}{5} \times \frac{5}{6} \times \frac{5}{6} \times \frac{5}{2} \\ &= 4\frac{96}{72} - \frac{25}{72} \\ &= 4\frac{71}{72} \end{aligned}$$

4 $\frac{71}{72}$

(3) $2\frac{1}{3} - |\frac{1}{9} + \frac{5}{11} \div \frac{7}{33}| = \square$ (4) $(\frac{1}{3} \times 9.6 - \frac{3}{20} \div \frac{3}{10}) \times 0.625 = \square$

$$\begin{aligned} & 2\frac{1}{3} - |\frac{1}{9} + \frac{5}{11} \div \frac{7}{33}| \\ &= 2\frac{3}{9} - |\frac{1}{9} + \frac{5}{11} \times \frac{33}{7}| \\ &= 1\frac{2}{9} + \frac{15}{7} \\ &= 1\frac{14}{63} + 2\frac{9}{63} \\ &= 3\frac{23}{63} \end{aligned}$$

3 $\frac{23}{63}$

$$\begin{aligned} & (\frac{1}{3} \times 9.6 - \frac{3}{20} \div \frac{3}{10}) \times 0.625 \\ &= (\frac{1}{3} \times \frac{96}{10} - \frac{3}{20} \times \frac{10}{3}) \times \frac{5}{8} \\ &= (3.2 - 0.5) \times \frac{5}{8} \\ &= \frac{27}{16} \times \frac{5}{8} \\ &= \frac{27}{16} = 1\frac{11}{16} \end{aligned}$$

$\frac{27}{16}$ ($1\frac{11}{16}$)

(5) $4 - (3 - 0.75) \times \frac{8}{9} - \frac{1}{3} \div 5 = \square$ (6) $\frac{5}{11} \times (0.2 + \frac{4}{5} \times \frac{5}{2}) = \square$

$$\begin{aligned} &= 4 - (3 - 0.75) \times \frac{8}{9} - \frac{1}{3} \div 5 \\ &= 4 - 2.25 \times \frac{8}{9} - \frac{1}{3} \times \frac{1}{5} \\ &= 4 - \frac{9}{4} \times \frac{8}{9} - \frac{1}{15} \\ &= 4 - 2 - \frac{1}{15} \\ &= 1\frac{14}{15} = \frac{29}{15} \end{aligned}$$

1 $\frac{14}{15}$ ($\frac{29}{15}$)

$$\begin{aligned} &= \frac{5}{11} \times (0.2 + \frac{4}{5} \times \frac{5}{2}) \\ &= \frac{5}{11} \times (0.2 + 2) \\ &= \frac{5}{11} \times 2.2 \\ &= \frac{5}{11} \times \frac{11}{5} \\ &= 1 \end{aligned}$$

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