受験算数の計算達人～第９回□を求める計算（逆算）分数編～

氏名：　解答・解説

$(2-\frac{1}{3})\times 9.6 = 1\frac{2}{3}\times 9\frac{3}{5} = \frac{5}{3}\times\frac{48}{5} = 16$

（1） $\left(1\frac{3}{8}-\square\right)\div 2\frac{4}{7}=\frac{7}{80}$

①　②

$\square = \frac{7}{80}\times 2\frac{4}{7} = \frac{9}{40}$

$1\frac{3}{8}-\square=\frac{9}{40}$

$\square = 1\frac{3}{8}-\frac{9}{40}=1\frac{15}{40}=1\frac{3}{20}$

（2） $\left\{\left(2-\frac{1}{3}\right)\times 9.6-\square\right\}\times\frac{2}{3}=4.8$

①　②　③　④

計算できる！

$(16-\square)\times\frac{2}{3}=4.8$

①　②

$\square = 4.8\div\frac{2}{3}=\frac{24}{5}\times\frac{3}{2}=\frac{36}{5}$

$16-\square=\frac{36}{5}$

$\square = 16-\frac{36}{5}=8\frac{4}{5}\ (8.8)$

$1\frac{1}{4}+1\frac{2}{4}=2\frac{3}{4}$

（3） $11\times(4-\square)\div\left(1\frac{1}{4}+1\frac{1}{2}\right)=2$

計算できる！

$11\times(4-\square)\div 2\frac{3}{4}=2$

$11\times(4-\square)\times\frac{4}{11}=2$

$(4-\square)\times 4=2$

①　②

$\square = 2\div 4=0.5$

$4-\square=0.5$

$\square = 4-0.5=3.5\ (3\frac{1}{2})$

（4） $\left(\frac{5}{8}\times 7.25+\square\times\frac{5}{8}\right)\div 1\frac{2}{3}=3$

分配法則

$(7.25+\square)\times\frac{5}{8}\div 1\frac{2}{3}=3$

$(7.25+\square)\times\frac{5}{8}\times\frac{3}{5}=3$

$(7.25+\square)\times\frac{3}{8}=3$

①　②

$\square = 3\div\frac{3}{8}=3\times\frac{8}{3}=8$

$7.25+\square=8$

$\square = 8-7.25=0.75\ (\frac{3}{4})$