受験算数の計算達人～第６回小数化・分数化の判断～

氏名：　解答・解説

（1）$\left(\frac{1}{2}+0.15\right)\times 10-0.1$

$=(0.5+0.15)\times 10-0.1$

$=0.65\times 10-0.1$

$=6.5-0.1$

$=6.4$

（2）$\left(\frac{1}{4}+0.32\right)\times\frac{1}{3}-0.03$

$=(0.25+0.32)\times\frac{1}{3}-0.03$

$=0.57\times\frac{1}{3}-0.03$

$=\frac{57}{100}\times\frac{1}{3}-0.03$

$=\frac{19}{100}-0.03$

$=\frac{16}{100}\ (0.16)$

（3）$1\div\left(0.625+\frac{3}{4}-\frac{1}{8}\right)+\frac{1}{3}$

$=1\div\left(\frac{5}{8}+\frac{6}{8}-\frac{1}{8}\right)+\frac{1}{3}$

$=1\div\frac{5}{4}+\frac{1}{3}$

$=1\times\frac{4}{5}+\frac{1}{3}$

$=\frac{4}{5}+\frac{1}{3}$

$=\frac{12}{15}+\frac{5}{15}$

$=\frac{17}{15}$

（4）$90\div 0.05\times\frac{1}{4}\times 1.2\times\frac{5}{18}\times 0.17$

$=90\times 20\times\frac{1}{4}\times\frac{6}{5}\times\frac{5}{18}\times\frac{17}{100}$

$=\frac{51}{2}$