難関校の計算問題にチャレンジ　　灘中学校　　(H99-1)

(2.5分以内)

$(1999\times\frac{1}{24}+\square)\times 1\frac{3}{5}-3\frac{5}{11}\times 3\frac{2}{3}=127$

$(1999\times\frac{1}{24}+\square)\times 1\frac{3}{5}-3\frac{5}{11}\times 3\frac{2}{3}=127$

$3\frac{5}{11}\times 3\frac{2}{3}=\frac{38}{11}\times\frac{11}{3}$

$=\frac{38}{3}$

$\frac{38}{3}$

□ $=127+\frac{38}{3}$

$127+\frac{38}{3}=\frac{419}{3}$

$(1999\times\frac{1}{24}+\square)\times 1\frac{3}{5}=\frac{419}{3}$

$\frac{419}{3}\div 1\frac{3}{5}=\frac{419}{3}\times\frac{5}{8}$

$=\frac{2095}{24}$

$(1999\times\frac{1}{24}+\square)=\frac{419}{3}\div 1\frac{3}{5}$

$1999\times\frac{1}{24}+\square=\frac{2095}{24}$

↓

$\square=\frac{2095}{24}-\frac{1999}{24}$

$=\frac{96}{24}$

$=4$

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