Nom : _____ MATH 10

Test 1	Règles élémentaires de calcul

Le Châtelard

Exercice 1 (10 pts) Calculer :

a) $-5-10+3-6$ = ...

b) $4\cdot 6\div 2$ = ...

c) $28\div 7\cdot 4\div 8$ = ...

d) $-35\div 7\cdot(-8)$ = ...

e) $72\div(-9)\cdot(-4)\div 4$ = ...

f) $56\div 7+5$ = ...

g) $15-8\cdot 3$ = ...

h) $12+10\div 2-3$ = ...

i) $18+36\div 9\cdot 3$ = ...

j) $75\div(-5)\cdot 3+7$ = ...

Exercice 2 (10 pts) Calculer :

a) $6\cdot 7\cdot(6-2)$ = ...

b) $5\cdot(3-9\cdot 4)$ = ...

c) $(9\div 3)\div(6\cdot 6\div 12)$ = ...

d) $(5\cdot 3-2)\cdot(50\div 25)$ = ...

e) $(11-3)\div(6-3)$ = ...

f) $[12\div(-4)]\cdot(10\cdot 2+1)$ = ...

g) $2\cdot(-1-5)-(6-4\div 2)$ = ...

h) $[(5-2)\cdot 4]+7$ = ...

i) $5\cdot[4\cdot(-3+8)]$ = ...

j) $9+\{[(5-1)\cdot 7]\div 14\}$ = ...

Exercice 4 (10 pts) Calculer :

a) $\frac{1}{3}+\frac{1}{4}+\frac{1}{5}$ = ...

b) $\frac{2}{3}\cdot\frac{27}{2}$ = ...

c) $-3-\frac{2}{17}$ = ...

d) $\frac{3}{12}+\frac{5}{8}-\frac{7}{16}$ = ...

e) $\left(-\frac{2}{7}\right)\cdot\left(-\frac{7}{9}\right)\cdot\left(\frac{9}{12}\right)$ = ...

f) $\left(\frac{1}{8}-\frac{7}{12}\right)\cdot\left(-\frac{3}{5}-\frac{2}{10}\right)$ = ...

g) $\frac{2}{9}+\frac{4}{7}\div\frac{12}{7}-\frac{5}{6}$ = ...

h) $\left(3+\frac{3}{2}\right)\div\left(2+\frac{1}{4}\right)$ = ...

i) $\left(\frac{9}{10}-\frac{11}{15}\right)-\left(-\frac{7}{15}\right)$ = ...

j) $\left(\frac{8}{7}+\frac{3}{5}\right)\div\frac{244}{28}$ = ...