

Calculating

a. $(+5) + (+8) =$

b. $(-100) + (-25) =$

c. $(-120) + (+80) =$

d. $(+150) + (-40) =$

e. $(-150) - (+120) =$

f. $(+125) - (-200) =$

g. $(-250) - (-500) =$

h. $(+35) \cdot (+5) =$

i. $(-30) \cdot (-50) =$

j. $(+25) \cdot (-7) =$

k. $(+90) \div (+3) =$

l. $(-125) \div (-5) =$

m. $(+144) \div (-12) =$

n. $(-150) - (-100) + (-200) =$

o. $(-3) \cdot (+4) \cdot (-5) =$

p. $(+2)^3 =$

q. $(-3)^2 =$

r. $(-3)^3 =$

s. $(-1)^{2k} =$

t. $(-1)^{2k+1} =$

Calculating

$$A = 2 - 3 + 4 - 5 =$$

$$B = -15 - 20 + 35 =$$

$$C = -120 + 55 - 45 + 30 =$$

$$D = 1,200 - 2,500 + 700 =$$

$$E = -1.75 + 2.25 - 1.52 =$$

$$F = 25.55 - 52.35 - 4.75 =$$

Compare the numbers

$$(+100) \quad (-200)$$

$$(-1.5) \quad (-2)$$

$$(+2.5) \quad (+2.75)$$

$$\left(-1 \frac{2}{3}\right) \quad \left(-\frac{7}{5}\right)$$

$$\left(-\frac{2}{3}\right) \quad \left(-\frac{3}{5}\right)$$

Arranging the numbers into right order:

$$\frac{2}{3} \quad 0 \quad -\frac{1}{3} \quad -\frac{1}{2} \quad \frac{4}{3}$$

$-\infty$ -----|-----|-----|-----|-----|----- $+\infty$

Arranging the numbers into right order:

$$-1\frac{2}{3} \quad 0.55 \quad -\frac{5}{2} \quad -\frac{1}{2} \quad \frac{4}{3}$$

$-\infty$ -----|-----|-----|-----|-----|----- $+\infty$

Calculating

$$A = (-2).(-3) + (-3).(+5) - (-9) \div (+3) =$$

$$A_1 = (-2).(-3) =$$

$$A_2 = (-3).(+5) =$$

$$A_3 = (-9) \div (+3) =$$

Calculating

$$B = -(-2).(-3)^2 + (+3).(-2)^3 - (+4)^2 =$$

$$B_1 = (-2).(-3)^2 =$$

$$B_2 = (+3).(-2)^3 =$$

$$B_3 = (+4)^2 =$$

Calculating

$$C = (-3).(-2)^2 + (+2).(-3)^3 - (+4)^4 =$$

$$C_1 = (-3).(-2)^2 =$$

$$C_2 = (+2).(-3)^3 =$$

$$C_3 = (+4)^4 =$$

Calculating (the results are written in fractions)

$$D = \left(-\frac{1}{2}\right)^3 = \left(\quad \text{---} \quad \right)$$

$$G = \left(+\frac{3}{4}\right) \cdot \left(-\frac{1}{3}\right)^3 = \left(\quad \text{---} \quad \right)$$

$$E = \left(-\frac{1}{2}\right)^4 = \left(\quad \text{---} \quad \right)$$

$$H = \left(+1\frac{1}{2}\right) \cdot \left(-\frac{1}{3}\right)^3 = \left(\quad \text{---} \quad \right)$$

$$F = (-3) \cdot \left(-\frac{1}{3}\right)^2 = \left(\quad \text{---} \quad \right)$$

$$I = \left(-1\frac{1}{2}\right) \cdot \left(-\frac{1}{3}\right)^2 = \left(\quad \text{---} \quad \right)$$

Calculating (the results are written in fractions)

$$K = \left(-1\frac{3}{5}\right) \cdot \left(-\frac{1}{2}\right)^4 + \left(-6\frac{1}{4}\right) \cdot \left(-\frac{2}{5}\right)^3 = \left(\quad \text{---} \quad \right)$$

$$K_1 = \left(-1\frac{3}{5}\right) \cdot \left(-\frac{1}{2}\right)^4 = \left(\quad \text{---} \quad \right) \quad K_2 = \left(-6\frac{1}{4}\right) \cdot \left(-\frac{2}{5}\right)^3 = \left(\quad \text{---} \quad \right)$$

Calculating (the results are written in fractions)

$$L = \left(-1 \frac{4}{5}\right) \cdot \left(+\frac{1}{3}\right)^2 - \left(+1 \frac{7}{9}\right) \cdot \left(-\frac{3}{4}\right)^3 = \left(\quad \text{---} \quad \right)$$

$$L_1 = \left(-1 \frac{4}{5}\right) \cdot \left(+\frac{1}{3}\right)^2 = \left(\quad \text{---} \quad \right) \quad L_2 = \left(+1 \frac{7}{9}\right) \cdot \left(-\frac{3}{4}\right)^3 = \left(\quad \text{---} \quad \right)$$

Calculating (the results are written in fractions)

$$M = \left(-9 \frac{4}{5}\right) \cdot \left(-\frac{5}{7}\right)^2 - \left(+2 \frac{10}{27}\right) \cdot \left(-\frac{3}{4}\right)^3 = \left(\quad \text{---} \quad \right)$$

$$M_1 = \left(-9 \frac{4}{5}\right) \cdot \left(-\frac{5}{7}\right)^2 = \left(\quad \text{---} \quad \right) \quad M_2 = \left(+2 \frac{10}{27}\right) \cdot \left(-\frac{3}{4}\right)^3 = \left(\quad \text{---} \quad \right)$$