

WORKSHEET

Order of operations

1. Calculate the following expressions:

a. $80 - (5.4^2 - 4.2^3) =$

b. $60 - [120 - (42 - 33)^2] =$

c. $(17.135 + 28.17 + 45.17):17 =$

d. $(5^6:5^3 + 3^2.2^3) - (2^3 + 5^2) =$

e. $2^3 - 5^3:5^2 + 12.2^2 =$

f. $5[(85 - 35:7):8 + 90] - 50 =$

2. Calculate the following expressions:

a. $A = 142 - [50 - (2^3.10 - 2^3.5)] =$

b. $B = 252:\{35 - [4 + (5.3^2 - 42)]\} + 86 =$

c. $C = \{210:[16 + 3.(6 + 3.2^2)]\} - 3 =$

d. $D = 500 - \{5.[409 - (2^3.3 - 21)^2] - 1724\} =$

e. $E = 35 - 25.8:(10^2.2) =$

f. $F = (3^5.3^7):3^{10} + 5.2^4 - 7^4:7^2 =$