

## DECIMALS: ORDER OF OPERATIONS (BODMAS).

**You must remember to FOLLOW THE RULES of BODMAS.** If you do not yet know the rules for BODMAS you **MUST** learn them!

**Q1. Sort out which operation to do first!!** Remember to do these questions in PARTS!

a)  $0.1 \times 2.2 + 0.3 =$

b)  $7.1 - 2.2 \times 0.5 =$

c)  $0.4 + 0.4 \div 0.2 =$

d)  $8.4 \times 0.8 - 1.2 =$

e)  $33 + 3.4 \times 1.2 =$

f)  $1.21 - 3.4 \times 0.1 =$

g)  $3.01 + 2.1 \times 0.9 =$

h)  $103 - 4.4 \times 1.7 =$

i)  $77.6 - 45.3 \times 1.1 =$

j)  $50.01 + 3.3 - 2.09 =$

k)  $4.5 \times 2.1 \div 0.6 =$

l)  $4.2 + 5.5 \times 6.6 =$

**Q2. Let's throw in some brackets now.**

a)  $0.1 \times (2.2 + 0.4) =$

b)  $(6.1 - 2.8) \times 0.4 =$

c)  $(0.4 + 0.4) \div 0.5 =$

d)  $7.4 \times (1.8 - 1.2) =$

e)  $(53 + 3.4) \times 1.9 =$

f)  $(6.25 - 4.4) \times 0.2 =$

g)  $(4.81 + 1.13) \times 0.8 =$

h)  $(17 - 9.4) \times 2.7 =$

i)  $(77.6 - 45.3) \times 1.5 =$

j)  $70.01 + 7.3 - 2.99 =$

k)  $8.5 \times (2.7 \div 0.5) =$

l)  $(24.2 + 9.5) \times 4.6 =$

**Q3. Remember that SQUARING a number means to MULTIPLY IT BY ITSELF!**

a)  $(0.4)^2 =$

b)  $(0.6)^2 =$

c)  $(1.2)^2 =$

d)  $(4.2)^2 =$

e)  $(0.1)^2 =$

f)  $(0.3)^2 =$

g)  $(0.8)^2 =$

h)  $(1.9)^2 =$

i)  $(0.2)^2 =$

j)  $(0.11)^2 =$

k)  $(0.04)^2 =$

l)  $(0.9)^2 =$

m)  $(2.2)^2 =$

n)  $(0.12)^2 =$

o)  $(0.31)^2 =$

a)  $(0.01)^2 =$

b)  $(3.3)^2 =$

c)  $(10.1)^2 =$

d)  $(0.07)^2 =$

e)  $(0.51)^2 =$

**Q4. Square roots require a bit of thought. Remember that to find the root of a number, we need to find the number that is multiplied by itself to give that root. Try it.**

a)  $\sqrt{0.04} =$

b)  $\sqrt{0.09} =$

c)  $\sqrt{0.16} =$

d)  $\sqrt{0.25} =$

e)  $\sqrt{0.01} =$

f)  $\sqrt{0.81} =$

g)  $\sqrt{0.121} =$

h)  $\sqrt{0.49} =$

i)  $\sqrt{0.0081} =$

j)  $\sqrt{0.0064} =$

k)  $\sqrt{1.44} =$

l)  $\sqrt{0.0036} =$

m)  $\sqrt{0.64} =$

n)  $\sqrt{0.0049} =$

o)  $\sqrt{0.0004} =$

**SOLUTIONS: You MUST have a standard scientific calculator. All your answers can be checked with that.**