

CALCULATORS 2(a)

name.....

1) Find correct to 1 decimal place where necessary.

a) 4.7×1.3

=

b) $92.21 - 4.3$

=

c) $8.2 - 15$

=

d) -63×8

=

e) $(-7.1) \times (-3.2)$

=

f) $-6 - 8 - 13$

=

g) 27^2 =

h) 5.9^2 =

i) 7.36^2 =

j) $\sqrt{121}$ =

k) $\sqrt{9.74}$ =

l) 6^3 =

m) 2^5 =

n) $(1.18)^7$ =

o) $(-3.2)^3$ =

p) 8.6×8.44

=

2) Find correct to 2 decimal places where necessary.

a) $42 - 7 \times 6.6$

=

b) $(8 + 17)^2$

=

c) $\frac{\sqrt{32}}{7}$

=

d) $\frac{5 \times 11.7}{9 - 1.1}$

=

3) Evaluate to 3 significant figures

a) $\frac{6 \times 7 + 18}{43}$

=

b) $\sqrt{17} + \sqrt{28}$

=

c) $\left(\frac{6 \times 7.3}{4.2}\right)^3$

=

d) $\frac{\sqrt{11 \times 17}}{1.9}$

4) Write in scientific notation

a) 6 800

=

b) 437 100

=

c) 821 000 000

=

5) Write the basic numeral for

a) 5.31×10^4

=

b) 2.86×10^6

=

c) 7.2×10^3

=

6) Write the answers in scientific notation.

a) 23

=

b) 7 000 000 x 40 000

=

c) $(0.0008)^2$

=

d) $(0.03)^7$