

CALCULATOR PRACTICE TEST

yes another one

1) Evaluate to 2 decimal places
(where necessary)

- a) $\sqrt{34.7} =$
 b) $\sqrt{7.6 - 4.9} =$
 c) $7.4^2 - 4.6^2 =$
 d) $\frac{39 + 4.8}{7.4} =$
 e) $7.8 - \sqrt{2.9} =$
 f) $1.7^5 =$
 g) $\sqrt{\frac{5.61 + 1.4}{1.086}} =$
 h) $\left(\frac{3.7 \times 8.7}{8.2 - 5.2}\right)^4 =$

2) Evaluate to 4 significant figures.

- a) $5.6^4 =$
 b) $\sqrt{3.1} =$
 c) $\frac{1}{2.9} =$
 d) $6.3 + \frac{1}{6.1} =$
 e) $\frac{1}{4}$ of 79 =
 f) $\frac{6}{7}$ of 5.9 =

3) State the number of significant figures.

- a) 4.065
 b) 3.00
 c) 0.0051
 d) 4605

4) Write each calculator display as a basic numeral.

- a) 5.13 04
 b) 2.8 -03
 c) 1.2 03
 d) 5.01 -05

5) Find

- a) 8% of \$68 =
 b) 70% of \$825 =
 c) $3\frac{1}{2}\%$ of \$80 =

6)a) A shop has a 20% discount sale. Find the cost of an article with a marked price of \$75 (show working)

b) Alison deposits \$95 in a savings account, receiving 14% p.a. interest. How much will this amount to after 1 year. (show working)

7) Evaluate to 2 dec. pl

- a) $\frac{78.5 + 1.86}{(4.9 - 2.3)^3}$
 =
 b) $\frac{4.7^3 + \sqrt{8.8}}{\sqrt{3.4 - 1.3}}$
 =
 c) $\sqrt{\frac{67 + 5.4}{8.6 + 2.3}}$
 =
 d) $\frac{3.5}{1.7} - \frac{3.9}{11.2}$
 =
 e) $\frac{(9.4 + 5.21)^4}{(6.1 + 3.4)^7}$
 =
 f) $(2.5)^2 + (6.9)^4$
 =
 g) $(4.3)^5 \times 0.0057$
 =
 h) $7.2^3 - \sqrt{27}$
 =
 i) $\sqrt{\frac{4.3 + 1.4^3}{2.8^2}}$
 =
 j) $\frac{3.7 - (3.4 + 1.2)}{6.3 - 5.3}$
 =