



Name: \_\_\_\_\_



1) Use your calculator to evaluate the following, leaving your full calculator display (8 digits or more):

a)  $5.2^2$

n)  $\left(\frac{3}{4}\right)^2$

b)  $2 \div 5.6$

o)  $2 \div \left(\frac{5}{6}\right)^3$

c)  $\frac{4.1 \times 7}{9^2}$

p)  $\frac{18.5 \times \frac{1}{6}}{3^4}$

d)  $\frac{2.1 \times 0.5}{5^3}$

q)  $\frac{\sqrt[3]{8.5} \times 4.2}{5^3}$

e)  $(3.3 + 6.9)^2 \times 3.1$

r)  $(8.1 - 4.5)^2 \times 2.1$

f)  $(1.4 + 3.1)^2 \times 2.32$

s)  $\frac{\sqrt{19.2+3.2^2}}{2.6 \times 1.3}$

g)  $\frac{4.7 + 5.6}{3.1 \times 5.7}$

t)  $\frac{5^{1.5}}{2} + \frac{\sqrt{4.8}}{6}$

h)  $\frac{\sqrt{6.3}}{1.3 \times 6.79}$

u)  $\frac{4.2^3 + 5.3}{6.4^{0.7}}$

i)  $\sqrt{\frac{7}{8}}$

v)  $\frac{\sqrt[3]{30.5} - 2.5}{1\frac{2}{5}}$

j)  $4 - \sqrt[3]{6}$

w)  $7\frac{1}{9} - \sqrt[4]{90}$

k)  $\frac{6\pi}{7}$

x)  $\sqrt[3]{\frac{9\pi^2 + 3.4}{2.3^3}}$

l)  $\frac{3}{8} \times \sqrt{24.7}$

y)  $\left(\frac{\sqrt[3]{12.4 - 7.2}}{6.8^{0.1}}\right)^{0.5}$

m)  $\sqrt{6.2} - 1.2^4$

z)  $\left(\frac{\sqrt[5]{8.3 + 6.5}}{5.4^{0.3}}\right)^\pi$

2) Use your calculator to evaluate the following, leaving your full calculator display (8 digits or more):

a)  $\sin(35)$

d)  $\tan^{-1}(15)$

b)  $\cos(50)$

e)  $\cos^{-1}(0.4)$

c)  $\tan(28)$

f)  $\sin^{-1}(0.8)$

Exam question:

Use your calculator to work out  $\sqrt{40 + 80 \times \frac{1}{5}}$ 

- a) Write down your **full** calculator display.  
 b) Round your answer to 2 decimal places.

