(ii) Correct to two decimal places

22. Jun 97

a. Calculate the exact value of
$$\frac{2.8+1.36}{4-2.7}$$

b. Calculate 9.72×12.05, and write your answer
   i. Exactly
   ii. Correct to two decimal places
   iii. Correct to two significant figures
   iv. In standard form

25. Jan 99

a. Calculate the exact value of
$(0.35)^2 - 0.03\times 0.8$

b. Express 0.0345
   i. To two decimal places
   ii. In standard form.

26. Jun 99

Evaluate $\frac{7.021}{6.751}$ and express the answer correct to
   i. 3 decimal places
   ii. 3 significant figures

27. Jan 00

Write 4768 correct to three significant figures

28. Jun 00

Write the following value of 0.428 × 2.75
   i. exactly
   ii. to two significant figures
   iii. in standard form

29. Jun 01

Write 0.8909
   i. in standard form
   ii. correct to two significant figures

30. Jun 02

Write the value of $(11.2)^2 - (0.375 \div 3)$
   i. Exactly
   ii. To two significant figures
   iii. In standard form

31. Jun 03

Using a calculator, or otherwise, determine the exact value of

23. Jan 98

i. Calculate the value of
$\left(4.2\times 10^4\right)\times\left(5\times 10^{-3}\right)$

ii. Write your answer in standard form.

24. Jun 98

Express $\frac{0.0402}{0.71}$
(i) correct to two decimal places
(ii) correct to two significant figures
(iii) in standard form.

i. $(1.7)^2 + (1.3)^2$

ii. $\frac{4.8+6.9}{1.3\times 0.2}$

32. Jun 04

Using a calculator or otherwise, determine the exact value of

i. $2.3^2 + 4.1^2$

ii. $\frac{0.18}{0.6} - .003$

33. Jan 05

Using a calculator or otherwise, determine the exact value of
$\sqrt{\frac{13.5}{0.33}}$

34. G Jan 91

Calculate the exact value of
   a. 0.35 × 0.2
   b. $\frac{1}{0.4}$
   c. $\sqrt{0.0036}$

35. G Jan 91

a. The sun is approximately 150 000 000km from the earth. Write this distance in standard form

b. Bets and Gamma are stars. Beta is 3×10^4km from the earth and Gamma is 6×10^{11}km from the earth.
How many times further from the earth is Beta than Gamma?