Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Yr 10 Homework 19/02/07)

Rounding and Estimating (1)

1. Write down the number of significant figures on each of these numbers?

a) 3.8457 b) 0.243 c) 0.00030 d) 34.017

2. Round these numbers to 1 significant figure.

a)15 b) 549 c) 3029 d) 9999 e) 0.455 f) 305567

3. Round these numbers to 2 significant figures.

a)15 b) 549 c) 3029 d) 9999 e) 0.455 f) 305567

4. Round off the figures to the nearest whole number and use this to estimate the answers to the calculations.

a) 6.81 + 9.13 + 17.93 b) 63.56 – 42.85

c) 8.63 x 7.42 d) 4.35 x 2.86

 1.92

e) 9.12 – 72.4 f) 99.8 x 4.7

 17.68 9.84

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