1 Write 24.07839

(a) correct to 2 decimal places

..... [1]

(b) correct to the nearest 10.

..... [1]

1 Write 0.030 149 7

(a) correct to 3 decimal places

..... [1]

(b) correct to 4 significant figures.

..... [1]

1 **(a)** Write 4 347 849 correct to the nearest ten thousand.

..... [1]

(b) Write 0.004 024 3 correct to 2 significant figures.

..... [1]

1 **(a)** Write 0.047 996 correct to 4 decimal places.

..... [1]

(b) Write 60 449 correct to 3 significant figures.

..... [1]

2 **(a)** Write 5249.6 correct to two significant figures.

..... [1]

(b) Write 0.0030626 correct to three decimal places.

..... [1]

2 Write 57.3997 correct to 4 significant figures.

..... [1]

5 **(a)** Write 7.29784 correct to 3 significant figures.

..... [1]

2 Write 4049 correct to 2 significant figures.

..... [1]

4 **(a)** Write 1.8796 correct to 4 significant figures.

..... [1]

4 By writing each number correct to 1 significant figure, find an estimate for the value of

$$\frac{2.8 \times 82.6}{27.8 - 13.9}.$$

..... [2]

4 By writing each number in the calculation correct to 1 significant figure, work out an estimate for the value of

$$\frac{6.7 \times 2.1}{18 - 5.9}.$$

You must show all your working.

..... [2]

5 $T = \dfrac{49.2 - 9.59}{4.085 \times 2.35}$

By writing each number correct to 1 significant figure, work out an estimate for T.
You must show all your working.

..... [2]

9 $D = \sqrt{\dfrac{1.95 \times 9.92^2}{8.07}}$

By writing each number correct to 1 significant figure, work out an estimate for D.

$D =$ ..... [3]