#  PREP SHEET 1

**Significant Figures and Decimal Places.**

**In these questions write your answers this way:-**

 **1 (i) (a) 3.6741 = 4 (1sf) (b) 3.6741 = 3.7 (2sf)**

 **(c) 3.6741 = 3.67 (3sf) (d) 3.6741 = 3.674 (4sf)**

 **1 (ii) (a) etc.**

1. In each part of this question correct the given number to the specified number of significant figures (sf):

(i) 12.345678 to (a) 1 sf (b) 2 sf (c) 3 sf (d) 4 sf

(ii) 700.649 to (a) 1 sf (b) 2 sf (c) 3 sf (d) 4 sf

(iii) 0.00060606 to (a) 1 sf (b) 2 sf (c) 3 sf (d) 4 sf

(iv) 0.01234 to (a) 1 sf (b) 2 sf (c) 3 sf (d) 4 sf

(v) 0.00999226 to (a) 1 sf (b) 2 sf (c) 3 sf (d) 4 sf

2. In each part of this question correct the given number to the specified number of decimal places (dp):

(i) 87.654321 to (a) 1 dp (b) 2 dp (c) 3 dp (d) 4 dp

(ii) 400.649 to (a) 1 dp (b) 2 dp (c) 3 dp (d) 4 dp

(iii) 0.00515151 to (a) 1 dp (b) 2 dp (c) 3 dp (d) 4 dp

(iv) 0.010234 to (a) 1 dp (b) 2 dp (c) 3 dp (d) 4 dp

(v) 0.00689926 to (a) 1 dp (b) 2 dp (c) 3 dp (d) 4 dp