**STD 4**   **MATHEMATICS**

CHAPTER 10   **DECIMAL FRACTIONS**

1. <u>Circle the correct decimal fractions :</u>

 a)   0.5   0.3   0.2
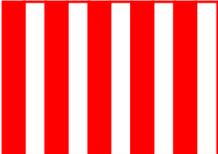
 b)   0.2   0. 7   0.5
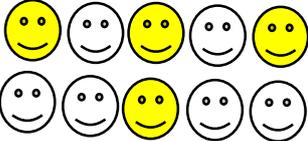
 c)   0.8   0.4   0.6

2. <u>Write the following decimals in words:</u>

Eg. 9.23 – nine point two three.

     0.032 – zero point zero three two.

   a) 6.11
   b) 1.228
   c) 0.009
   d) 45.206

3. Write in decimals:

Eg. Sixty two point eight - <u>62.8</u>

Zero point five zero six - <u>0.506</u>

a) Eighty five point two nine - _____
b) One point zero six - _____
c) Four point two five seven - _____
d) Three point zero zero eight - _____

4. Make a place value chart and show the following decimals:

Eg :   235.162

	Hundred (100)	Tens (10)	Ones (1)		Tenths ($\frac{1}{10}$)	Hundredths ($\frac{1}{100}$)	Thousandths ($\frac{1}{1000}$)
235.162	2	3	5	.	1	6	2

a) 2.5
b) 36.432
c) 123.53

5. Write the place value of the underlined digits:

Eg.   52.<u>8</u>4 = $\frac{8}{10}$ or 0.8

a) 34.5<u>3</u>
b) 1<u>4</u>6.259
c) 87.63<u>2</u>

6. Fill in the blanks:

a) $8.2 = 8 + \dfrac{2}{\square}$

b) $0.92 = 0 + \dfrac{\square}{10} + \dfrac{\square}{\square}$

c) $42.106 = 40 + \square + \dfrac{1}{\square} + \dfrac{\square}{100} + \dfrac{\square}{1000}$

7. Write the decimal number for the following :

Eg. $30 + 5 + \dfrac{1}{10} + \dfrac{0}{100} + \dfrac{6}{1000} = \underline{35.106}$

a) $8 + \dfrac{4}{10} = \underline{\hspace{2cm}}$

b) $600 + 20 + 5 + \dfrac{0}{10} + \dfrac{8}{100} + \dfrac{7}{1000} = \underline{\hspace{2cm}}$

c) $7 + \dfrac{0}{10} + \dfrac{0}{100} + \dfrac{3}{1000} = \underline{\hspace{2cm}}$