



INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS



Subject : Mathematics	Topic (9): Decimals	Date of Worksheet : _____
Resource Person: Mrs. Jayalakshmi Ratish		Date : _____
Name of the Student : _____	Class & Division : VI	Roll Number : ____

Section A - Basic Skills

- 1 Write decimal number for each of the following –
(i) $\frac{7}{1}$ (ii) $\frac{6}{1}$ (iii) $\frac{5}{1}$ (iv) $2\frac{6}{1}$
- 2 Write each of following in expanded form –
(i) 1.7
(ii) 416.378
(iii) 2308.009
- 3 Write following decimal numbers in a place value chart –
(i) 21.5
(ii) 5.903
(iii) 289.027
- 4 Write each of the following as decimal –
(i) Three – tenth
(ii) Fifteen point nine
(iii) Seven hundred point eight
(iv) Eight hundred and eight hundredths
(v) Five tens three ones and seven tenths
- 5 The side of a dice is 23 mm. Express the side in cm.

Section B

- 6 Represent the following on the number line –
(i) 0.7 (ii) 1.6 (iii) 4.2
- 7 Convert the following decimals into fractions. Reduce the fractions to lowest form –
(i) 0.4 (ii) 18.72 (iii) 8.406 (iv) 3.6
- 8 Rewrite in ascending order –
(i) 31.13, 3.113, 31.31, 31.313, 31
(ii) 24.62, 34.14, 13.06, 29.41
- 9 Ajeet had 257.75. He bought a birthday cake for 111.45. Find the money left with Ajeet.

- 10 Compare the decimal numbers –
- (i) 32.25 9.35
 - (ii) 0.84 0.094
 - (iii) 0.335 0.331
 - (iv) 16.79 16.89
- 11 Express the following in kilograms (kg) using decimals –
- (i) 8 g (ii) 560 g (iii) 9 kg 86 g (iv) 8293 g
- 12 Add the following –
- (i) $27.076 + 0.55 + 0.004$
 - (ii) $0.0049 + 0.3758$
 - (iii) $7 + 2.59$
 - (iv) $0.017 + 0.093$
- 13 Subtract –
- (i) 0.531 from 2.9
 - (ii) 347.875 from 500.12
 - (iii) 947 paise 85 from 1000
 - (iv) 178 930m from 559 8m
- 14 Amit bought a Maths book for 45.60 and a geometry box for 62.55. What is the total amount spent by Amit?
- 15 What should be subtracted from 7.654 to get 0.801?
- 16 Sunil bought 6m 9cm of colored paper and used 2m 87cm in making flags. How much paper was left?
- 17 An empty box weighs 1 kg 240 g. When filled with oranges it weighs 19 kg 70 g. What is the weight of the oranges?
- 18 The weight of empty gas cylinder is 19 kg 85 g. The weight of gas in it is 13 kg 250 g. What is the total weight of the cylinder filled with gas.

Section C – HOTS

- 19 Subtract the difference of 15.13 and 9.7 from their sum.
- 20 Mallica spent 367.85 on buying clothes, 138.04 on fruits and 59.66 on transport. If she had one thousand rupee note in her purse, how much money was left with her?