

**NISCORT FATHER AGNEL SCHOOL, VAISHALI (2017-18)**  
**SELF LEARNING WORKSHEET-7**  
**CLASS-V**  
**TOPIC - DECIMALS**

1. Write the following in expanded form:

(i) 32.67      (ii) 9.18      (iii) 126.46      (iv) 72.596

2. Write the following short form:

(i)  $50 + 6 + \frac{7}{10} + \frac{9}{100}$

(ii)  $100 + 20 + 1 + \frac{2}{10} + \frac{5}{100}$

(iii)  $200 + 70 + 2 + \frac{1}{10}$

(iv)  $30 + 5 + \frac{1}{10} + \frac{4}{100} + \frac{7}{1000}$

3. Compare using ' $<$ ', ' $>$ ' or ' $=$ '

(i) 10.009  10.001

(ii) 60.08  60.6

(iii) 8.8  8.088

(iv) 6.8  6.32

4. Convert the unlike decimals to like decimals:

(a) 43.36 , 0.5

(b) 15.445 , 3.05

(c) 13.4 , 43.5 , 7.25

(d) 2.5 , 16 , 20.06

5. Arrange the following decimals in descending order:

(a) 8.06, 8.059, 8.013 , 8.3

(b) 2.88 , 3.7 , 2.5 , 4.02

(c) 0.1, 0.01, 0.001, 1.1

(d) 3.1, 0.75, 3.01, 0.57

6. Arrange the following decimals in ascending order:

(a) 6.3 , 2.4, 5.37 , 8.14

(b) 8.585 , 85.85 , 858.5 , 58.58

(c) 0.34, 0.06, 0.1, 0.61

(d) 3.05, 2.901, 4.03, 2.91

7. Arrange in column and add:

(a)  $4.12 + 3.483$

(b)  $3.12 + 5.802$

(c)  $11.134 + 1.45$

(d)  $28.2 + 1.78 + 0.123$

(e)  $1238.1 + 1146.1$

(f)  $11.5 + 3.75 + 19.672$

8. Subtract the following:

(a)  $5.25 - 2.33$

(b)  $25.1 - 17.39$

(c)  $4.35 - 0.75$

(d)  $14.2 - 9.42$

(e)  $18.43 - 7.15$

(f)  $11.35 - 11.05$

9. What should be added to 78.9 to get 93.06?
10. What should be subtracted from 103.1 to get 84.6?
11. Neha bought potatoes, brinjals and onions. The masses of these items were 2.15 kg, 1.75 kg and 4.12 kg. what is the total mass of the items?
12. Prashant daily spends 1.36 hours for studying math, 2.30 hours for science and 1.45 hours for Hindi. How many hours does he study daily?
13. Mr. Arora bought some cosmetic items cost INR 68.13. He gave INR 90 to the shopkeeper. How much does he receive as change?
14. Mona went to the market with Rs.50.60 in her purse. She purchased a geometry box for Rs. 29.75. How much money is now left in Mona's purse?

**ANSWERS:**

1. (i)  $30+2+6/10+7/100$  (ii)  $9+ 1/10+8/100$  (iii)  $100+20+6+4/10+6/100$  (iv)  $70+2+5/10+9/100+6/1000$
2. (i) 56.79 (ii) 121.25 (iii) 272.1 (iv) 35.147
3. (i) > (ii) < (iii) > (iv) >
4. (a) 43.36, 0.50 (b) 15.445, 3.050 (c) 13.40, 43.50, 7.25 (d) 2.50, 16.00, 20.06
5. (a) 8.3,8.06,8.059,8.013  
(b) 4.02, 3.7, 2.88, 2.5  
(c) 1.1, 0.1,0.01,0.001 (d) 3.1, 3.01,0.75,0.57
6. (a) 2.4, 5.37,6.3, 8.14  
(b) 8.585, 58.58, 85,85, 858.5  
(c) 0.06, 0.10,0.34, 0.61  
(d) 2.901, 2.91, 3.05, 4.03
7. (a) 7.603 (b) 8.922 (c) 12.584 (d) 30.103 (e) 2384.2 (f) 34.920
8. (a) 2.92 (b) 7.71 (c) 3.6 (d) 4.78 (e) 11.28 (f) 0.3
9. 14.16
10. 18.54
11. 8.02
12. 5.11 hour
13. Rs. 21.87
14. Rs. 20.85

**NISCORT FATHER AGNEL SCHOOL, VAISHALI (2017-18)**  
**SELF LEARNING WORKSHEET-8**  
**CLASS-V**  
**TOPIC – DECIMALS AND PERCENTAGE**

1. Fill in the blanks:

(a)  $23.42 \times 10 =$  \_\_\_\_\_

(b)  $2.9 \times 100 =$  \_\_\_\_\_

(c)  $540.13 \times 10 =$  \_\_\_\_\_

(d)  $8.712 \times 1000 =$  \_\_\_\_\_

(e)  $5.687 \times 10 =$  \_\_\_\_\_

(f)  $3.268 \times 100 =$  \_\_\_\_\_

(g)  $72.12 \times 100 =$  \_\_\_\_\_

(h)  $39.1 \times 100 =$  \_\_\_\_\_

2. Find the product:

(a)  $4.21 \times 4$

(b)  $25.7 \times 17$

(c)  $7.8 \times 2.5$

(d)  $36.7 \times 8$

(e)  $1.31 \times 5.5$

(f)  $218.93 \times 0.7$

(g)  $0.74 \times 0.4$

(h)  $1.1 \times 2.3 \times 4.5$

3. One metre of cloth cost Rs. 106.50. what is the cost of 8.5 metre of cloth?

4. The price of 1 kg wheat is Rs. 18.25. Find the price of 4.5kg of wheat.

5. A car covers 26.5 km in one hour. How much distance will it cover in 15.5 hours?

6. Find the quotient:

(a)  $82.4 \div 10$

(b)  $26.1 \div 100$

(c)  $7.8 \div 10$

(d)  $1.128 \div 100$

(e)  $321.3 \div 1000$

(f)  $21.24 \div 100$

(g)  $317.3 \div 100$

(h)  $95.87 \div 100$

(I)  $38.9 \div 1000$

7. Divide:

(a)  $41.5 \div 5$

(b)  $7.155 \div 9$

(c)  $3.45 \div 25$

(d)  $112.38 \div 8$

(e)  $5.52 \div 16$

8. Convert the following percentages as fractions:

(a) 33%

(b) 55%

(c) 91%

(d) 23%

(e) 16%

(f) 19%

9. Convert the following percentage as decimals.

(a) 19%

(b) 35%

(c) 88%

(d) 7%

(e) 40%

(f) 71%

**Answers:**

1. (a) 234.2 (b) 290 (c) 5401.3 (d) 8712 (e) 56.87 (f) 326.8 (g) 72.12  
(h) 3910

2. (a) 16.84 (b) 436.9 (c) 19.5 (d) 293.6 (e) 7.205 (f) 153.251 (g) 0.296  
(h) 11.385

3. Rs.905.25

4. 82.125

5. 410.75

6. (a) 8.24 (b) 0.21 (c) 0.78 (d) 0.01128 (e) 0.3213  
(f) 0.2124 (g) 3.173 (h) 0.9587 (i) 0.0389

7. (a) 8.3 (b) 0.795 (c) 0.138 (d) 14.0475 (e) 0.345

8. (a)  $\frac{33}{100}$  (b)  $\frac{55}{100}$  (c)  $\frac{91}{100}$  (d)  $\frac{23}{100}$  (e)  $\frac{16}{100}$  (f)  $\frac{19}{100}$

9. (a) 0.19 (b) 0.35 (c) 0.88 (d) 0.07 (e) 0.40 (f) 0.71