

# INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2024-25

CLASS: VI SUBJECT: MATHEMATICS DATE: 20-12-2024

## LESSON: 08 DECIMALS

- Write each of the following as decimals:  
a)  $10 + 5 + \frac{1}{10}$       b)  $700 + 50 + 6 + \frac{4}{10} + \frac{7}{100}$       c)  $5000 + 5 + \frac{1}{1000}$
- Write each of the following as decimals:  
a) Six-tenths  
b) Three hundred and one-hundredth  
c) One thousand and two-hundredth
- Write the following decimals in ascending order:  
a) 1.03, 11.01, 1.13, 3.01, 0.31  
b) 0.44, 4.04, 40.04, 44.4, 4.044, 0.404
- Compare the decimals:  
a) 0.2....0.12      b) 0.099....0.100      c) 3.50....3.5  
d) 10.23 .... 10.230      e) 0.7 .... 1.07
- Add the following:  
a)  $2 + 1.7$       b)  $99.99 + 1.001$       c)  $4 + 0.7 + 0.279$   
d)  $1002.12 + 109.1 + 34.965$
- Subtract the following:  
a)  $6.87 - 0.15$       b)  $101.01 - 99.001$       c)  $19.47 - 18.79$   
d)  $103 - 100.169$
- Simplify the following:  
a)  $30.13 + 3.01 - 13.03$       b)  $1.001 + 11.1 - 10.09$       c)  $36.45 + 73.56 - 100.01$
- Convert the following:  
a) 30 paise into rupees  
b) 102cm into m  
c) 1790m into km  
d) 80mm into cm  
e) 2785g into kg  
f) 32L 3 mL into L
- The cost of a sari is ₹ 356.75, and a handbag is ₹ 197.95. Find the total cost of both items
- Neha bought a bottle of sauce for ₹ 72.80 and paid a hundred rupee note to the shopkeeper. How much money did she get back?

11. Sundar has to travel 16km to reach his office. He covers 14.75 km by bus and the remaining by bicycle. Find the distance he covers by cycling
12. The weight of a pumpkin is 1.05kg, the weight of a packet of potatoes is 2.725kg and the weight of a watermelon is 3kg 20g. Find the total weight.
13. From a packet of 10kg flour, 3kg70g of flour is used for making chapatis. Find the quantity of the remaining flour in the packet

**Answers:**

1. a) 15.1                      b) 756.47                      c) 5005.005
2. a) 0.6                        b) 300.01                      c) 1000.02
3. a)  $0.31 < 1.03 < 1.13 < 3.01 < 11.01$   
       b)  $0.404 < 0.44 < 4.04 < 4.044 < 40.04 < 44.4$
4. a)  $>$                       b)  $<$                       c)  $=$                       d)  $=$                       e)  $<$
5. a) 3.7                        b) 100.991                      c) 4.979                      d) 1146.185
6. a) 6.72                      b) 2.009                      c) 0.68                      d) 2.831
7. a) 20.11                      b) 2.011                      c) 10
8. a) ₹ 0.30                      b) 1.02m                      c) 1.79km                      d) 8cm                      e) 2.785kg                      f) 32.003L
9. ₹ 554.70                      10. ₹ 27.20                      11. 1.25km                      12. 6.795kg
13. 6.93kg

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