

Decimals

Q1. Match the following decimal fraction with its equivalent decimal number:

Decimal Fraction	Decimal number
$\frac{2}{10}$	0.007
$\frac{2}{100}$	0.02
$\frac{7}{100}$	0.2
$\frac{7}{1000}$	0.07

Q2. Write in decimals:

- 2 tenths = _____
- 3 and 9 tenths = _____
- 5 tenths and 7 hundredth = _____

Q3. Fill in the blanks with the correct decimal number:

- $2.35 = 2 + 0.3 +$ _____
- Seven point three five is written as: _____
- $1 + 0.8 + 0.09 + 0.006 =$ _____
- $5 + \frac{3}{10} + \frac{7}{100} + \frac{3}{1000} =$ _____

Q4. Shilpa was cooking one of her mother's recipe. She had to put the following spices:

Spice	Quantity (in gram)
Red chilly powder	0.04
Pepper	0.005
Salt	0.15

Arrange the spices in the order of the quantity they are used in the recipe (from minimum to maximum quantity).

Answer: _____ , _____ , _____

Q5. Compare the decimals and put the correct sign $<$, $>$ or $=$.

a. 2.3 _____ 2.15

b. 7.09 _____ 7.009

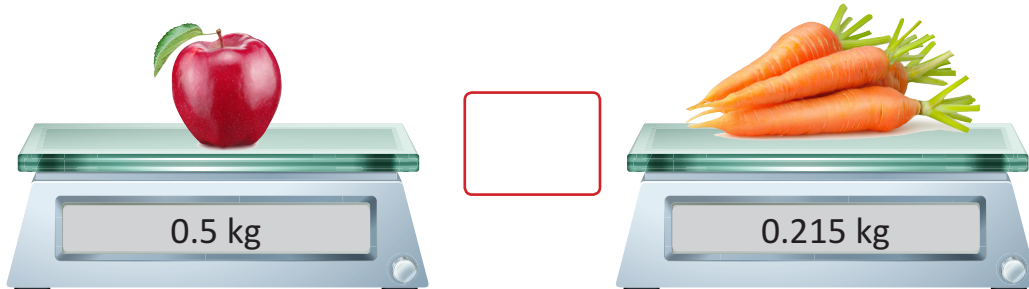
c. 5.015 _____ 5.10

Q6. The time taken by the three athletes to complete the race is recorded in the table given below. Based on the given data find who came first.

Name	Time (in seconds)
Raman	10.01
Fanny	10.10
Saanvi	10.002

Answer: _____

Q7. Read the weight of the items shown on the weighing scale below and put the correct sign $<$, $>$ or $=$ in the box.



Q8. Convert the expanded form to a decimal number. Find the greater decimal and write in the blank given below:

a. $7 + \frac{1}{10} + \frac{3}{100} + \frac{7}{1000} =$ _____

b. $7 + \frac{2}{10} =$ _____

Greater decimal: _____

Q9. Find the sum of the place values of 2 in 2.012.

Answer: _____

Q10. Which is greater?

Place value of 5 in 2.051 Or Place value of 1 in 2.105

Answer: _____

Q11. Shyam is painting the gate with red and white colours. A little more paint of both the colours are needed.

Red paint: $\frac{1}{4}$ litres

White paint: $\frac{3}{5}$ litres

Convert into decimals and write how much quantity of each paint is needed.

Answer: Red Paint: _____ litres

White Paint: _____ litres

Q12. Convert the following decimals into fractions and reduce to its lowest terms:

3.25 = _____

6.8 = _____

Q13. Rashmi bought a 736 cm long pink ribbon, and a 96 cm long green ribbon to make a flower. Find how many metres of each ribbon did she buy.

Answer: Pink ribbon : _____ metres

Green ribbon : _____ metres

Q14. Kate bought fruits from the market. She bought 2.035 kg of mangoes, 1.05 kg of apples and 7.091 kg of watermelon. Find the weight of all the fruits collectively.

Answer: _____

Q15. After getting an interest of ₹ 230.08, Sohan's account balance was ₹ 77654.83. How much money was there in Sohan's account before getting the interest?

Answer: _____

Q16. Circle the pairs whose product is 500.

a. 5.10, 100

b. 2.5, 20

c. 0.5, 1000

d. 2.5, 200

ANSWERS

1.

Decimal Fraction	Decimal number
$\frac{2}{10}$	0.2
$\frac{2}{100}$	0.02
$\frac{7}{100}$	0.07
$\frac{7}{1000}$	0.007

2. a. 0.2
b. 3.9
c. 0.57
3. a. 0.05
b. 7.35
c. 1.896
d. 5.373
4. Pepper, Red chilly powder, Salt
5. a. >
b. >
c. <
6. Saanvi came first
7. >
8. a. 7.137
b. 7.2
Greater decimal: 7.2
9. 2.002
10. Place value of 1 in 2.105 is greater.
11. Red paint: 0.25 litres, White paint: 0.6 litres
12. a. $3\frac{1}{4}$,
b. $6\frac{4}{5}$

13. Pink ribbon : 7.36 metres
Green ribbon : 0.96 metres
14. 10.176 kg
15. ₹ 77424.75
16. (c) and (d)