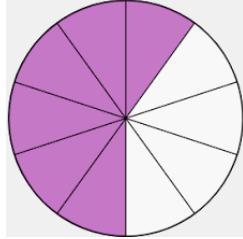


CH 8 Decimals and Percentage

Question Bank

1. What percentage of the figure is unshaded?



- a. 5 b. 0.5 c. 4 d. 0.4
2. Which of the following is the largest?
a. 0.25 b. 0.3 c. 0.12 d. 0.28
3. A bottle contains 7.5 litres of water. If a family consumes 1.25 litres per day, how many days will the water last?
a. 5 days b. 6 days c. 7 days d. 8 days
4. $25.62 \square 25.365$
a. $<$ b. $>$ c. $=$ d. $+$
5. Find the quotient when 85 is divided by 10.
a. 85 b. 0.85 c. 8.5 d. 850
6. Which is the correct way of writing 23.102
a. Twenty-three point one hundred two
b. Twenty-three and one hundred two
c. Twenty-three point one two
d. Twenty-three point one zero two
7. Which of the following is equal to 100%?
a. 0.1 b. 1 c. 10 d. 0.01
8. A runner completed a marathon in 12.8 km on the first day and 8.75 km on the second day. How many more kilometres did the runner cover on the first day than the second?
a. 4.05km b. 4.15km c. 4.10km d. 3.95 km

Q2. Solve the following:

1 Write the following in expanded form

a. 35.42

b. 151.256

2. Sonal has ₹523.56, and her brother has ₹236.1. How much money do they have together?

3. A delivery boy delivers 36% of parcels out of 600. How much parcels are left to deliver?

4. A girl makes 520 diyas in a day at a rate of Rs 2.50 per diya. How much money did she earn in a day?

5. Shivani and Divya decided to bake a cake for a wedding. They both baked cakes weighing 51.50 kg and 51.6 kg respectively. Whose cake more and by how much?

6. A class has 40 students, if 25% of them didn't come to picnic. How many students didn't come to the picnic?

7. Nidhi decided to buy a new computer which cost Rs 63,500. When she visits the store, she found out that they have a special offer going on which gives 20% discount on all the computers. What is the amount she will be paying?

8. Convert the following percentage into fractions in the lowest form

a. 68%

b. 15%

c. 47%

Case Study

Army Public School organized a Sports Day event for its 500 students. Students participated in different sports: football, basketball, running, and cricket.

Following is the data of the event:

1. 40% of the students participated in football.

2. 25% participated in basketball.

3. 20% participated in running.
4. The remaining students participated in cricket.

At the end of the event:

- The school decided to award 10% of the football participants and 15% of the basketball participants as “Best Players”.
- Each “Best Player” receives a certificate.
 - a. How many students participated in football?
 - b. How many students received the “Best Player” certificate in basketball?
 - c. What percentage of all students received the “Best Player” certificate?