

Worksheet

- State whether true or false.
 - 2 km and 400 m in a simplest ratio is 1 : 5.
 - Simplest fraction equivalent of 24% is $\frac{6}{25}$.
 - $\frac{7}{8}$ expressed as percentage is 20%.
- Fill in the blanks.
 - 12% of 200 is _____.
 - ₹ 30 is _____ % of ₹ 600.
 - 1 cm is _____ % of a metre.
- Convert the given decimals into per cents.
 - 0.34
 - 21.45
 - 62.3
 - 2.56
- Convert the given per cents into fractions.
 - 35%
 - 8%
 - 36%
 - 22%
- A football team played 30 matches in a month. If they lost 6 of them, what percentage of matches did they win?
- If we divide 30 sweets between Renu and Sonu such that Renu gets 20% of the sweets, how many sweets does Sonu get?
- Sushma saves 24% of her salary, that is ₹ 2880. What is her salary and how much does she spends?
- The price of a washing machine was ₹ 14,000 in 2016. If its price is increased by 15% next year, find its new price.
- 40% of a number is 480, what is 60% of the same number?
- Asha runs a distance of 200 m and in the same time Nisha covers 320 m. What percentage of Asha's distance did Nisha cover more?
- A TV show is watched by 1,20,000 viewers and another is watched by 20% less viewers than the first show. What is the difference between the number of viewers of the two shows and how many watch the second show?
- What is 10% more and 5% less than 30?
- In a class of 80 students, there are 20 girls, all girls are present. If 10 boys are absent, find the percentage of the students present.
- The population of a city decreased from 25,000 to 22,500 in a year. Find the percentage decrease. If in the next year it increases by 5%, what is the new population?
- In a city of 24000 population, 30% are men, 25% are women and the rest are children. Find the number of children. If there are 60% girls among the children, how many girls reside in the city?
- In a class of 50, there are 30 students who like Mathematics and 12 who like English and the rest like Science. What percentage of students likes Science? What percentage of students likes Mathematics?

Answers to Worksheet

1. a. False b. True c. False
2. a. 24 b. 5 c. 1
3. a. 34% b. 2145% c. 6230% d. 256%
4. a. $\frac{7}{20}$ b. $\frac{2}{25}$ c. $\frac{9}{25}$ d. $\frac{11}{50}$
5. 80% 6. 24 sweets 7. ₹ 12000, ₹ 9120 8. ₹ 16100
9. 720 10. 60% 11. 24000, 96000 12. 33; 28.5
13. 87.5% 14. 10%; 23625 15. 10800; 6480 16. 16%; 60%