EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Percentage

Grade : ICSE Grade VII

1. If initial value is V, new value after r% increase is

   (i) $\frac{100-r}{100}\times V$ (ii) $\frac{100+r}{r}\times V$ (iii) $\frac{100+r}{100}\times V$ (iv) $\frac{100-r}{r}\times V$

2. In a school of 700 students, 280 students are boys. The number of boys who failed the final exam is 160. The number of girls who passed is 90. The percentage of girls who failed the exam =

   (i) 76.57% (ii) 80.57% (iii) 79.57% (iv) 78.57% (v) 77.57%

3. The cost of an article is ₹300.00. If it is decreased by 22.00%, what is the new cost of the article?

   (i) ₹235.00 (ii) ₹236.00 (iii) ₹233.00 (iv) ₹234.00 (v) ₹232.00

4. In a school of 700 students, 490 students are boys. The number of boys who failed the final exam is 170. The number of girls who failed is 170. The percentage of students who passed the exam =

   (i) 49.43% (ii) 52.43% (iii) 50.43% (iv) 53.43% (v) 51.43%

5. 6.00 is what percentage of 200?

   (i) 5.00% (ii) 4.00% (iii) 3.00% (iv) 1.00% (v) 2.00%

6. In a school of 200 students, 80 students are boys. The number of boys who failed the final exam is 60. The percentage of girls who passed is 50.00%. The number of girls who failed =

   (i) 58 (ii) 59 (iii) 61 (iv) 60 (v) 62

7. How much is 10.20% of 275?

   (i) 30.05 (ii) 27.05 (iii) 26.05 (iv) 28.05 (v) 29.05

8. 700.00% =

   (i) 6 (ii) 9 (iii) 5 (iv) 7 (v) 8

9. In a school of 900 students, 630 students are boys. The number of boys who failed the final exam is 470. The percentage of girls who passed is 74.07%. The number of girls who passed the exam =

   (i) 203 (ii) 201 (iii) 197 (iv) 199 (v) 200

10. The cost of an article is ₹10.00. If it is increased by 8.00%, what is the new cost of the article?

    (i) ₹12.80 (ii) ₹11.80 (iii) ₹9.80 (iv) ₹8.80 (v) ₹10.80

11. In a school of 500 students, 375 students are boys. The number of boys who failed the final exam is 285. The number of girls who failed is 45. The percentage of girls who passed the exam =

    (i) 64.00% (ii) 65.00% (iii) 66.00% (iv) 62.00% (v) 63.00%

12. 3.00% of a number is 12.00. What is 8.00% of the number?

    (i) 31 (ii) 33 (iii) 30 (iv) 34 (v) 32

13. How much is 9.00% of 110?

(i) 9.9 (ii) 10.9 (iii) 7.9 (iv) 8.9 (v) 11.9

14. 194.27 is what percentage of 502?

(i) 39.70% (ii) 37.70% (iii) 38.70% (iv) 40.70% (v) 36.70%

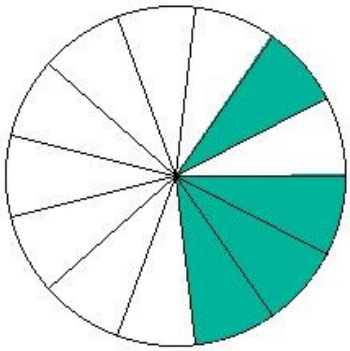
15. Out of 62 articles, 54 were damaged. What is the percentage of good articles?

(i) 10.90% (ii) 12.90% (iii) 13.90% (iv) 14.90% (v) 11.90%

16. $\frac{8}{9}$ =

(i) 89.89% (ii) 87.89% (iii) 86.89% (iv) 88.89% (v) 90.89%

17. What percentage of the figure is shaded?



(i) 31.77% (ii) 28.77% (iii) 30.77% (iv) 29.77% (v) 32.77%

18. 28.00% =

(i) $\frac{1}{5}$ (ii) $\frac{9}{25}$ (iii) $\frac{7}{23}$ (iv) $\frac{7}{25}$ (v) $\frac{7}{27}$

19. 60.00% =

(i) 8.6 (ii) 2.6 (iii) 0.6 (iv) 1.6 (v) 7.6

20. 0.40% =

(i) $\frac{1}{248}$ (ii) $\frac{1}{250}$ (iii) $(\frac{-1}{250})$ (iv) $\frac{3}{250}$ (v) $\frac{1}{252}$

21. In a school of 900 students, 135 students are boys. The number of boys who failed the final exam is 95. The number of girls who passed is 350. The percentage of students who failed the exam =

(i) 56.67% (ii) 54.67% (iii) 55.67% (iv) 57.67% (v) 58.67%

22. 0.30 =

(i) 31.00% (ii) 32.00% (iii) 29.00% (iv) 30.00% (v) 28.00%

23. The cost of an article is ₹90.00. If it is decreased by 3.00%, what is the new cost of the article?

(i) ₹86.30 (ii) ₹88.30 (iii) ₹87.30 (iv) ₹89.30 (v) ₹85.30

24. 0.42 =

(i) 41.00% (ii) 42.00% (iii) 43.00% (iv) 44.00% (v) 40.00%

25. 4.00% =

(i) $(\frac{-1}{25})$ (ii) $\frac{3}{25}$ (iii) $\frac{1}{25}$ (iv) $\frac{1}{27}$ (v) $\frac{1}{23}$

Assignment Key

1) (iii)	2) (iv)	3) (iv)	4) (v)	5) (iii)	6) (iv)
7) (iv)	8) (iv)	9) (v)	10) (v)	11) (i)	12) (v)
13) (i)	14) (iii)	15) (ii)	16) (iv)	17) (iii)	18) (iv)
19) (iii)	20) (ii)	21) (i)	22) (iv)	23) (iii)	24) (ii)
25) (iii)					