EduSahara™ Assignment

Name : Word Problems on Percentages

Chapter : Percentage

Grade : ICSE Grade VII

1. Out of 50 articles, 9 were damaged. What is the percentage of good articles?

   (i) 84.00% (ii) 81.00% (iii) 80.00% (iv) 83.00% (v) 82.00%

2. Out of 470 articles, 65 were damaged. What is the percentage of good articles?

   (i) 85.17% (ii) 84.17% (iii) 86.17% (iv) 88.17% (v) 87.17%

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

   (i) ₹9.00 (ii) ₹13.00 (iii) ₹10.00 (iv) ₹12.00 (v) ₹11.00

4. The cost of an article is ₹380.00. If it is increased by 40.00%, what is the new cost of the article?

   (i) ₹531.00 (ii) ₹530.00 (iii) ₹532.00 (iv) ₹534.00 (v) ₹533.00

5. The cost of an article is ₹40.00. If it is decreased by 1.00%, what is the new cost of the article?

   (i) ₹39.60 (ii) ₹41.60 (iii) ₹38.60 (iv) ₹37.60 (v) ₹40.60

6. The cost of an article is ₹190.00. If it is decreased by 46.00%, what is the new cost of the article?

   (i) ₹104.60 (ii) ₹102.60 (iii) ₹103.60 (iv) ₹101.60 (v) ₹100.60

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

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

8. If initial value is V, new value after r% decrease is

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

9. In a school of 600 students, 60 students are boys. The number of boys who failed the final exam is 50. The number of girls who failed is 380. The percentage of boys who passed the exam =

   (i) 14.67% (ii) 15.67% (iii) 17.67% (iv) 16.67% (v) 18.67%

10. In a school of 200 students, 130 students are boys. The number of boys who failed the final exam is 60. The number of girls who failed is 50. The percentage of girls who passed the exam =

    (i) 30.57% (ii) 26.57% (iii) 27.57% (iv) 29.57% (v) 28.57%

11. In a school of 400 students, 180 students are boys. The number of boys who failed the final exam is 80. The number of girls who failed is 70. The percentage of boys who failed the exam =

    (i) 46.44% (ii) 44.44% (iii) 43.44% (iv) 42.44% (v) 45.44%

12. In a school of 800 students, 400 students are boys. The number of boys who failed the final exam is 200. The number of girls who failed is 270. The percentage of girls who failed the exam =

    (i) 65.50% (ii) 69.50% (iii) 68.50% (iv) 66.50% (v) 67.50%

13. In a school of 400 students, 180 students are boys. The number of boys who failed the final exam is 100. The number of girls who failed is 160. The percentage of students who passed the exam =

(i) 33.00% (ii) 36.00% (iii) 37.00% (iv) 35.00% (v) 34.00%

14. In a school of 600 students, 240 students are boys. The number of boys who failed the final exam is 90. The number of girls who passed is 240. The percentage of girls who failed the exam =

(i) 33.33% (ii) 35.33% (iii) 34.33% (iv) 31.33% (v) 32.33%

15. In a school of 700 students, 420 students are boys. The number of boys who failed the final exam is 270. The number of girls who passed is 140. The percentage of students who passed the exam =

(i) 40.43% (ii) 39.43% (iii) 41.43% (iv) 43.43% (v) 42.43%

16. In a school of 300 students, 225 students are boys. The number of boys who failed the final exam is 175. The number of girls who passed is 20. The percentage of students who failed the exam =

(i) 76.67% (ii) 75.67% (iii) 74.67% (iv) 77.67% (v) 78.67%

17. In a school of 900 students, 495 students are boys. The number of boys who failed the final exam is 325. The percentage of girls who passed is 46.91%. The number of girls who passed the exam =

(i) 188 (ii) 193 (iii) 190 (iv) 189 (v) 191

18. In a school of 700 students, 70 students are boys. The number of boys who failed the final exam is 60. The percentage of girls who passed is 52.38%. The number of girls who failed =

(i) 300 (ii) 302 (iii) 298 (iv) 301 (v) 299

Assignment Key

1) (v)	2) (iii)	3) (v)	4) (iii)	5) (i)	6) (ii)
7) (ii)	8) (i)	9) (iv)	10) (v)	11) (ii)	12) (v)
13) (iv)	14) (i)	15) (iii)	16) (i)	17) (iii)	18) (i)