EduSahara™ Assignment

Name : Word Problems on Percentages

Chapter : Percentage

Grade : ICSE Grade VII

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1. Out of 52 articles, 1 were damaged. What is the percentage of good articles?

   (i) 99.08% (ii) 97.08% (iii) 96.08% (iv) 98.08% (v) 100.08%

2. Out of 809 articles, 87 were damaged. What is the percentage of good articles?

   (i) 88.25% (ii) 87.25% (iii) 89.25% (iv) 90.25% (v) 91.25%

3. The cost of an article is ₹20.00. If it is increased by 2.00%, what is the new cost of the article?

   (i) ₹21.40 (ii) ₹22.40 (iii) ₹19.40 (iv) ₹20.40 (v) ₹18.40

4. The cost of an article is ₹420.00. If it is increased by 11.00%, what is the new cost of the article?

   (i) ₹464.20 (ii) ₹468.20 (iii) ₹466.20 (iv) ₹465.20 (v) ₹467.20

5. The cost of an article is ₹40.00. If it is decreased by 4.00%, what is the new cost of the article?

   (i) ₹37.40 (ii) ₹38.40 (iii) ₹40.40 (iv) ₹36.40 (v) ₹39.40

6. The cost of an article is ₹300.00. If it is decreased by 13.00%, what is the new cost of the article?

   (i) ₹263.00 (ii) ₹260.00 (iii) ₹259.00 (iv) ₹261.00 (v) ₹262.00

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

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

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

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

9. In a school of 700 students, 315 students are boys. The number of boys who failed the final exam is 175. The number of girls who failed is 105. The percentage of boys who passed the exam =

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

10. In a school of 900 students, 180 students are boys. The number of boys who failed the final exam is 100. The number of girls who failed is 560. The percentage of girls who passed the exam =

    (i) 24.22% (ii) 22.22% (iii) 20.22% (iv) 21.22% (v) 23.22%

11. In a school of 600 students, 180 students are boys. The number of boys who failed the final exam is 110. The number of girls who failed is 320. The percentage of boys who failed the exam =

    (i) 59.11% (ii) 60.11% (iii) 63.11% (iv) 62.11% (v) 61.11%

12. In a school of 200 students, 120 students are boys. The number of boys who failed the final exam is 60. The number of girls who failed is 60. The percentage of girls who failed the exam =

    (i) 77.00% (ii) 75.00% (iii) 76.00% (iv) 74.00% (v) 73.00%

13. In a school of 500 students, 50 students are boys. The number of boys who failed the final exam is 30. The number of girls who failed is 210. The percentage of students who passed the exam =

(i) 52.00% (ii) 54.00% (iii) 51.00% (iv) 53.00% (v) 50.00%

14. In a school of 300 students, 180 students are boys. The number of boys who failed the final exam is 150. The number of girls who passed is 70. The percentage of girls who failed the exam =

(i) 43.67% (ii) 42.67% (iii) 40.67% (iv) 39.67% (v) 41.67%

15. In a school of 700 students, 105 students are boys. The number of boys who failed the final exam is 65. The number of girls who passed is 170. The percentage of students who passed the exam =

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

16. In a school of 700 students, 140 students are boys. The number of boys who failed the final exam is 80. The number of girls who passed is 430. The percentage of students who failed the exam =

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

17. In a school of 700 students, 525 students are boys. The number of boys who failed the final exam is 405. The percentage of girls who passed is 68.57%. The number of girls who passed the exam =

(i) 122 (ii) 120 (iii) 117 (iv) 119 (v) 121

18. In a school of 400 students, 280 students are boys. The number of boys who failed the final exam is 160. The percentage of girls who passed is 25.00%. The number of girls who failed =

(i) 89 (ii) 93 (iii) 91 (iv) 88 (v) 90

Assignment Key

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

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