

CLASS 8 · HOTS · OLYMPIAD PREPARATION · DPP SHEET

Chapter 5: HOTS: Fractions in Disguise, Percentages (Class 8)

Daily practice problems: 8 questions with an answer key

Try every question on your own first. The answer key is on the last page.

1. Find 45% of 360.
2. A price of Rs 500 is raised by 20% and then lowered by 10%. Find the final price.
3. An article bought for Rs 400 is sold for Rs 340. Find the loss percent.
4. An article is marked at Rs 2000. A discount of 10% is given and then tax of 18% is charged on the discounted price. Find the amount to be paid.
5. Rs 8000 grows at 5% per year, compounded yearly. Find the amount after 2 years.
6. A quantity increases from 40 to 52. Find the percentage increase.
7. Find 12.5% of 640.
8. Find the selling price needed to make a profit of 25% on an article costing Rs 640.

Answer Key

- | | |
|-------------|-------------|
| 1. 162. | 5. Rs 8820. |
| 2. Rs 540. | 6. 30%. |
| 3. 15%. | 7. 80. |
| 4. Rs 2124. | 8. Rs 800. |

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