

Maths-7

Chapter 8: Percentage and Its Applications – Answer Key

A. MCQs

1. B

2. B

3. C

4. C

5. D

B. Fill in the Blanks

1. Hundred

2. 12

3. 1.5

4. Profit

5. Selling

C. Short Answers

1. 15% of 160 = 24

2. 72% = 0.72

3. Profit = 300 – 240 = ₹60

4. 10% of 450 = ₹45

5. $(450/600) \times 100 = 75\%$

D. Word Problems

1. $(360/500) \times 100 = 72\%$

2. Profit = 500; Profit% = $(500/2500) \times 100 = 20\%$

3. 20% of 800 = 160 → SP = 800 – 160 = ₹640

4. Loss = 150; Loss% = $(150/1500) \times 100 = 10\%$

5. If original = x → x + 25% of x = 125 → $1.25x = 125$ → x = 100