Worksheet #2

PROFIT AND LOSS

Learning goal: Students will be able to define, identify, and differentiate profit and loss, also to find Profit % or Loss % using real-world examples.

Instructions: Calculate the Loss Percentage.

$$Loss\% = \frac{C.P - S.P}{C.P} \times 100$$

GIVEN	CALCULATION	ANSWER
CP = ₹1,000, SP = ₹700		
CP = ₹2,000, SP = ₹1,500		
CP = ₹800, SP = ₹600		
CP = ₹5,000, SP = ₹3,500		
CP = ₹1,200, SP = ₹900		
CP = ₹3,000, SP = ₹2,100		
CP = ₹600, SP = ₹450		
CP = ₹4,000, SP = ₹2,800		
CP = ₹1,500, SP = ₹1,050		
CP = ₹2,000, SP = ₹1,400		

Worksheet #2(answer)

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GIVEN	CALCULATION	ANSWER
CP = ₹1,000, SP = ₹700	Loss = ₹1,000 – ₹700 = ₹300; Loss % $= \frac{300}{1000} \times 100 = 30\%$	Loss % = 30%
CP = ₹2,000, SP = ₹1,500	Loss = ₹2,000 – ₹1,500 = ₹500; Loss % $= \frac{500}{2000} \times 100 = 25\%$	Loss % = 25%
CP = ₹800, SP = ₹600	Loss = ₹800 – ₹600 = ₹200; Loss % $= \frac{200}{800} \times 100 = 25\%$	Loss % = 25%
CP = ₹5,000, SP = ₹3,500	Loss = ₹5,000 – ₹3,500 = ₹1,500; Loss % $= \frac{1500}{5000} \times 100 = 30\%$	Loss % = 30%
CP = ₹1,200, SP = ₹900	Loss = ₹1,200 – ₹900 = ₹300; Loss % $= \frac{300}{1200} \times 100 = 25\%$	Loss % = 25%
CP = ₹3,000, SP = ₹2,100	Loss = ₹3,000 – ₹2,100 = ₹900; Loss % $= \frac{900}{3000} \times 100 = 30\%$	Loss % = 30%
CP = ₹600, SP = ₹450	Loss = ₹600 – ₹450 = ₹150; Loss % $= \frac{150}{600} \times 100 = 25\%$	Loss % = 25%
CP = ₹4,000, SP = ₹2,800	Loss = ₹4,000 – ₹2,800 = ₹1,200; Loss % $= \frac{1200}{4000} \times 100 = 30\%$	Loss % = 30%
CP = ₹1,500, SP = ₹1,050	Loss = ₹1,500 – ₹1,050 = ₹450; Loss % $= \frac{450}{1500} \times 100 = 30\%$	Loss % = 30%
CP = ₹2,000, SP = ₹1,400	Loss = ₹2,000 – ₹1,400 = ₹600; Loss % $= \frac{600}{2000} \times 100 = 30\%$	Loss % = 30%