

Name: _____

Grade: _____

Score: _____

Worksheet #1

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.

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

GIVEN	CALCULATION	ANSWER
CP = ₹1,000, SP = ₹800		
CP = ₹2,500, SP = ₹2,000		
CP = ₹800, SP = ₹640		
CP = ₹5,000, SP = ₹4,000		
CP = ₹1,200, SP = ₹900		
CP = ₹3,000, SP = ₹2,400		
CP = ₹600, SP = ₹480		
CP = ₹4,000, SP = ₹3,200		
CP = ₹1,500, SP = ₹1,200		
CP = ₹2,000, SP = ₹1,600		

Name: _____

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Worksheet #1(Answer)

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Instructions: Calculate the Loss Percentage.

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

GIVEN	CALCULATION	ANSWER
CP = ₹1,000, SP = ₹800	Loss = ₹1,000 - ₹800 = ₹200; Loss % = $\frac{200}{1000} \times 100 = 20\%$	Loss % = 20%
CP = ₹2,500, SP = ₹2,000	Loss = ₹2,500 - ₹2,000 = ₹500; Loss % = $\frac{500}{2500} \times 100 = 20\%$	Loss % = 20%
CP = ₹800, SP = ₹640	Loss = ₹800 - ₹640 = ₹160; Loss % = $\frac{160}{800} \times 100 = 20\%$	Loss % = 20%
CP = ₹5,000, SP = ₹4,000	Loss = ₹5,000 - ₹4,000 = ₹1,000; Loss % = $\frac{1000}{5000} \times 100 = 20\%$	Loss % = 20%
CP = ₹1,200, SP = ₹900	Loss = ₹1,200 - ₹900 = ₹300; Loss % = $\frac{300}{1200} \times 100 = 25\%$	Loss % = 25%
CP = ₹3,000, SP = ₹2,400	Loss = ₹3,000 - ₹2,400 = ₹600; Loss % = $\frac{600}{3000} \times 100 = 20\%$	Loss % = 20%
CP = ₹600, SP = ₹480	Loss = ₹600 - ₹480 = ₹120; Loss % = $\frac{120}{600} \times 100 = 20\%$	Loss % = 20%
CP = ₹4,000, SP = ₹3,200	Loss = ₹4,000 - ₹3,200 = ₹800; Loss % = $\frac{800}{4000} \times 100 = 20\%$	Loss % = 20%
CP = ₹1,500, SP = ₹1,200	Loss = ₹1,500 - ₹1,200 = ₹300; Loss % = $\frac{300}{1500} \times 100 = 20\%$	Loss % = 20%
CP = ₹2,000, SP = ₹1,600	Loss = ₹2,000 - ₹1,600 = ₹400; Loss % = $\frac{400}{2000} \times 100 = 20\%$	Loss % = 20%