

GANITANAND ACTIVITY #020801[GO BACK TO INDEX](#)**A FAKE NOTE OF RS.500**

#MathActivity #PracticalPuzzles #RecreationalMathCorner #VedicMathWorld #VMLS

**QUESTION**

- ❖ A Lady bought an item of Rs.100 from the Shopkeeper(X).
- ❖ She paid him through a Rs. 500 Note.
- ❖ Realizing that he did not have change, the shopkeeper(X) got change for that note from another shopkeeper (Y) and paid Rs 400 to the Lady.
- ❖ After a few days, shopkeeper(Y) realized that the note is fake.
- ❖ Then he went to (X) and took 500 Rs back from him. So in this whole process how much money did (X) loose in the end?

SOLUTION

STEP-WISE EXPLANATION	CREDIT FOR SHOP-KEEPER	DEBIT FOR SHOP-KEEPER
A lady Purchased an item of Rs.100	0	100
The lady gave Rs.500 note	500	0
shopkeeper(X) went to shopkeeper(Y) to take change and taken Rs.500 from him and Rs.400 was given back to the lady.	0	400
Shopkeeper(Y) realized the Rs.500 note was fake and demanded the money back	0	500
Total	500	1000
Total loss for the shopkeeper	1000 - 500 = 500	