

Work sheet-1

Subject: mathematics

Chapter: Ratio and proportion

- 1) Which is the twice divided ratio of 4 : 9
- 2) If $A : B = 4 : 7$ and $B : C = 10 : 7$, what is the value of $A : B : C$
- 3) What is the value of second quantity is successive ratio of 4 : 3 and 5 : 6
- 4) If 30 m cloth is distributed among Maisha, Maria and Tania in the ratio 5:3:2, then how many meter did Maria get?
- 5) How many meters did Maisha get?
- 6) How many meters did Tania get?
- 7) What is the successive ratio of 5:3 and 2:5?
- 8) Which one is the fourth proportional of 3,5,15?
- 9) A man bought a pen at TK.50 and sold at TK.70, what is the percentage of profit?
- 10) What is called continued proportion?

Creative part

- 1) Russell is a watch seller. He sold a watch at TK. 625 at a loss of 10% .
 - (a) What was the loss after selling the watch?
 - (b) What was the cost price of the watch?
 - (c) What should be the selling price of the watch if he wants to make profit 10%?