

Comparing Quantities: Worksheet -9

1. If A is 50% more than B, then B is less than A by []

[A] $33\frac{1}{3}\%$ [B] 25 % [C] 50 % [D] $66\frac{2}{3}\%$

2. If the area of rectangle is increased by 13% and its breadth is increased by 5%, then what is the percentage increase in its length?

[approximately] []

[A] 10% [B] 8% [C] 18 % [D] 12 %

3.If on selling 12 notebooks, a seller makes a profit equal to the selling price of 4 notebooks, what is his percent profit? []

[A] $16\frac{2}{3}$ [B] 25 [C] 50 [D] None of these

4. 'A' sells an article to 'B' at a profit of 20%. 'B' sells it to 'C' at a profit of 25%. If C pays Rs. 225 for it, the cost profit does he make? []

[A] Rs . 110 [B] Rs 120 [C] Rs. 125 [D] Rs.150

5.If selling price is doubled, the profit triples. Find the profit percent:

[]

[A] $66\frac{2}{3}$ [B] 100 [C] $105\frac{1}{3}$ [D] 120

6. A man sells 200 mangoes at the cost price of 250 mangoes. His profit percentage is []

[A] 12.5 % [B] 25% [C] 20% [D] None



7. A sold an article for Rs 420 at a gain of 5% and B sold an article for Rs 477 at a gain of 6%. Who got more profit and by how much? []
- [A] A, Rs 10 [B] B, Rs 7 [C] A, Rs 8 [D] B, Rs 10
8. A vendor bought 5 lemons for a rupee. How many lemons must be sold for Rs 7 to gain $16\frac{2}{3}\%$? []
- [A] 30 [B] 35 [C] 49 [D] None
9. A student buys 3 pencils for Rs 4 and sells all at 4 for Rs 5. His gain or loss percentage . []
- [A] 5% loss [B] 5% gain [C] 6.25 gain [D] 6.25 loss
10. By selling a calculator at Rs 510, a man loses 15%. At what price should he sell it to gain 15%? []
- [A] Rs 690 [B] Rs. 600 [C] Rs 720 [D] Rs 660

