If the price of the commodity is increased by 50% by what fraction must its consumption be reduced so as to keep the same expenditure on its consumption?

Answers

1. 1/4

2. 1/3

3. 1/2

4. 2/3

2. Two vessels A and B contain milk and water mixed in the ratio 8 : 5 and 5 : 2 respectively. The ratio in which these two mixtures be mixed to get a new mixture containing 69 3/13% milk, is-

Answers

1. 2:7

2. 3:5

3. 5:2

4. 5:7

3. One type of liquid contains 25 % of benzene, the other contains 30% of benzene. A can is filled with 6 parts of the first liquid and 4 parts of the second liquid. Find the percentage of benzene in the new mixture.

Answers

1. 27 %

2. 26 %

3. 29 %

4. 21 %

4. Three candidates contested the election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

Answers

1. 30%

2. 57%

3. 72%

4. 43%

5. Because of scarcity of rainfall, the price of a land decreases by 12% and its production also decreases by 4%. What is the total effect on revenue?

Answers

1. Loss of 16%

2. Gain of 15%

3. Loss of 15.48%

4. Loss of 15.52%

6. 48% of the 1st number is 60% of the 2nd number. What is the ratio of the 1st number to the 2nd number?

Answers

1. 4:7

2. 3:4

3. 5:4

4. None of these

7. If cost price of 21 oranges is equal to the selling price of 18 oranges then profit percent is -

Answers

1. 7 1/7

2. 5 5/9

3. 14 2/7

4. 7 1/3

8. Ana purchased a bicycle at a cost of Rs. 3200. She sold it at a loss of Rs.240. At what price did she sell the bicycle?

Answers

1. Rs.2960

2. Rs.2690

3. Rs.3440

4. Rs.3360

9. A man bought 50 dozen eggs of a rate of Rs. 4 per dozen. He finds 40 eggs rotten, In order to gains 5%, he should sell eggs at -

Answers

1. Rs. 4.50 per dozen

2. Rs. 5 per dozen

3. Rs. 5.50 per dozen

4. Rs. 6.50 per dozen

10. In two types of stainless steel, the ratio of chromium and steel are 2 : 11 and 5 : 21, respectively. In what proportion should the two types be mixed, so that the ratio of chromium to steel in the mixed type become 7 : 32?

1. 1 : 2

2. 1 : 3

3. 2 : 3

4. 3 : 4