

Proportions and Similar Figures Assignment

Find the part in each question.

1. What is 35% of 100?
2. What is 6.5% of 20?
3. What is 3% of 3?
4. What is 3% of 3?

Find the percent in each question.

5. What percent of 42 is 28?
6. What percent of 48 is 12?
7. What percent of 85 is 51?
8. What percent of 33 is 15?
9. What percent of 20 is 15?

Find the base in each question.

10. 60% of what number is 75?
11. 5% of what number is 4?
12. 115% of what number is 120?
13. 65% of what number is 577.2?

- 14. A dining table with a set of chairs that costs 250\$ are on sale for 30% of the regular price. What is the sales price of the dining table and the set of chairs?**

Sale Price = _____

- 15. The sale price of a car is depreciated by 15% after one year. If the initial price of the car is 12,000\$, what is the price of the car after one year?**

Sale Price = _____

Proportions and Similar Figures Assignment

ANSWERS:

Find the part in each question.

1. What is 35% of 100?

_____ **35** _____

2. What is 6.5% of 20?

_____ **1.3** _____

3. What is 3% of 3?

_____ **0.09** _____

4. What is 3% of 3?

_____ **0.09** _____

Find the percent in each question.

5. What percent of 42 is 28?

_____ **66.6%** _____

6. What percent of 48 is 12?

_____ **25%** _____

7. What percent of 85 is 51?

_____ **60%** _____

8. What percent of 33 is 15?

_____ **45.45%** _____

9. What percent of 20 is 15?

_____ **75%** _____

Proportions and Similar Figures Assignment

Find the base in each question.

10. 60% of what number is 75?

_____ **125** _____

11. 5% of what number is 4?

_____ **80** _____

12. 115% of what number is 120?

_____ **104.35** _____

13. 65% of what number is 577.2?

_____ **888** _____

14. A dining table with a set of chairs that costs 250\$ are on sale for 30% of the regular price.
What is the sales price of the dining table and the set of chairs?

Sale Price = _____ **175\$** _____

15. The sale price of a car is depreciated by 15% after one year. If the initial price of the car is 12,000\$, what is the price of the car after one year?

Sale Price = _____ **10,200\$** _____