
9 – 7 Finding the Percent One Number Is of Another

Find each answer.

1. What percent of 66 is 89?
2. 7 is what percent of 77?
3. What percent of 52 is 45?
4. What percent of 33 is 24?
5. 45 is what percent of 33?
6. 12 is what percent of 245?
7. 47 is what percent of 678?
8. What percent of 78 is 44?
9. What percent of 567 is 2?
10. 4 is what percent of 1,567?
11. What percent of 66 is 44?
12. 21 is what percent of 789?
13. 5 is what percent of 503?
14. 145 is what percent of 689?

Use the formula $I = Prt$.

15. Find I when $P = \$2,050$, $r = 7\%$ per year, and $t = 3$ years.
 16. Find I when $P = \$5,000$, $r = 10\%$ per year, and $t = 6$ months.
 17. Find I when $P = \$1,050$, $r = 3\%$ per year, and $t = 2$ years.
 18. Find I when $P = \$500$, $r = 6\frac{1}{4}\%$ per year, and $t = 5$ years.
 19. Find I when $P = \$1,137.75$, $r = 2\%$ per year, and $t = 8$ years.
 20. Find I when $P = \$6,500$, $r = 8\%$ per year, and $t = 3$ months.
 21. Find r when $P = \$2,000$, $t = 1$ year, and $I = \$65.50$.
 22. Find t when $I = \$1,150.50$, $P = \$8,000$, and $r = 6\%$ per year.
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Name _____

Date _____

Per _____