

 4.5

Write the Percentage of a Whole Number as a Decimal Number

• Example 1

What is 18% of 300?

Solution

$$18\% \times 300 = \frac{18}{100} \times 300 = 18 \times 3 = 54$$

So, 54 is 18% of 300.

● ● ● CHECK YOURSELF 1

- a. Find 65% of 200.
 - b. What is 30% of 150?
-

● ● ● CHECK YOURSELF ANSWER

1. (a) 130; (b) 45.
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4.5 Exercises

Name _____

Section _____

Date _____

A N S W E R S

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Solve each of the following problems involving percent.

1. What is 35% of 600?
2. 20% of 400 is what number?
3. 45% of 200 is what number?
4. What is 40% of 1200?
5. Find 40% of 2500.
6. What is 75% of 120?
7. Find 110% of 800.
8. What is 115% of 600?
9. What is 108% of 4000?
10. Find 160% of 2000.
11. Find 8.5% of 300.
12. $8\frac{1}{4}\%$ of 800 is what number?
13. Find $11\frac{3}{4}\%$ of 6000.
14. What is 3.5% of 500?
15. What is 5.25% of 3000?
16. What is 7.25% of 7600?
17. What is 30% of 500?
18. Find 15% of 300.
19. 45% of 2000 is what number?
20. Find 112% of 4000
21. What is 4.75% of 700?
22. Find $8\frac{1}{2}\%$ of 600.