

Lesson 13 Percent

Complete the following.

a

1. _____ is 40% of 30.
2. 26 is _____% of 50.
3. 39 is 52% of _____.
4. 37 is _____% of 50.
5. 18 is 25% of _____.
6. _____ is 24% of 96.
7. .7 is _____% of 1.4.
8. 3.9 is 75% of _____.
9. _____ is 6.8% of 720.
10. 64 is 125% of _____.
11. 175 is _____% of 125.
12. _____ is 120% of 720.
13. $\frac{1}{3}$ is _____% of $\frac{5}{6}$.
14. _____ is 60% of 1000.
15. 15 is 50% of _____.
16. _____ is 25% of 4.

Problem Solving

Solve each problem.

1. There are 850 students at a school. Of these, 36% are in the eighth grade. How many students are in the eighth grade?

_____ students are in the eighth grade.

2. Mail was delivered to 171 out of the 180 houses on Saylor Street. To what percent of the houses on Saylor Street was mail delivered?

Mail was delivered to _____ % of the houses.

3. A savings bond costs \$18.75 and can be redeemed at maturity for \$25. The cost of the bond is what percent of its value at maturity?

Its cost is _____ % of its value at maturity.

4. Mrs. Wilson sold merchandise to 25% of the clients she contacted. She sold to 6 clients. How many clients did she contact?

She contacted _____ clients.

5. A store sold 185 bicycles last month. Of those, 60% were girls' bicycles. How many girls' bicycles were sold?

_____ girls' bicycles were sold.

6. Of the library books turned in today, 95% were turned in on time. There were 285 books turned in on time. What was the total number of books turned in?

There were _____ books turned in.

7. The enrollment at St. Mary's School is 110% of last year's enrollment. The enrollment last year was 390. What is the enrollment this year?

The enrollment this year is _____.

1.

2.

3.

4.

5.

6.

7.

Perfect score: 7 My score: _____