

Word Problems Worksheet

Not Like Tracking Changes or Inputting Tables

Translate the following statements into mathematical symbols.

1. John has eight times as many songs on iTunes as Jill has. If Jill has 15 songs, how many does John have?
2. Sarah spent \$24 on bagels. This was \$4 more than twice the amount she paid for coffee. How much did she spend on coffee?
3. The product of two consecutive positive numbers is 4 more than the smaller number. Find the numbers.
4. The number of boys in a class is one more than twice the number of girls. If there are 28 students in the class, how many of them are girls?
5. The area of a circle is 9π . Find the diameter of the circle.
6. The average of two consecutive odd numbers is 18. Find the numbers.
7. Divide \$54 among 3 people so that the third person gets twice as much as the first and the second person gets 1\$ less than the third. How much does the first person get?
8. The ratio of 6 more than twice a number and 1 less than the number is 6. Find the number.
9. Sue spent \$108 on shoes. If she bought them at a 10% discount, how much did the shoes cost originally?
10. John, Betty and Sam bought 35 comic books. John bought 5 times as many Betty bought and Sam bought eight less than John. How many did Betty buy?

©2012 Shmoop University, Inc. All rights reserved. For classroom use only. Want to print this out for your classroom? Go for it. All other reproduction and distribution is prohibited.

<http://www.shmoop.com/algebra/>
Shmoop will make you a better lover (of literature, math, life...)