

Translate Into Algebraic Equation or Inequality Worksheet

You'll Finish This in $<$ No Time

Translate the following statements into algebraic equations or inequalities.

1. Four times a number is 20 more than the number.
2. The product of a number and its square is less than 8.
3. Sam has 15 coupons. If Billy collects 5 more coupons, he would have two more than one third of Sam's coupons.
4. Five more than twice a number is less than one more than six times the number.
5. Ten less than the product of 8 and a number is 38.
6. The ratio of a number and 8 is greater than 4 less than the number.
7. A number combined with the difference of three times the number and 7 yields 4.
8. Sarah covered 3 miles by walking at 3 miles per hour for 20 minutes and running at 5 miles per hour.
9. The sum of four consecutive even integers is 44 .
10. The cost of downloading a song is \$1.29 for the first song and 80¢ for each additional song. How many songs can you download for under \$10?

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