1. **Let x be a number. Translate the English phrase or sentence into a mathematical expression. Then evaluate the expression for x = 5.**
   a) 8 minus the number.

   b) The difference of the number and 3.

2. **If a car travels at a constant speed of r miles per hour for t hours, it will travel rt miles.**
   a) Clearly define your variables.

   b) Evaluate rt for r = 62 and t = 3. What does your result mean in this situation? Write your answer in a complete sentence.

3. **If T is the total cost (in dollars) for n students to go on a ski trip, then $T \div n$ is the cost (in dollars) per student.**
   a) Clearly define your variables.

   c) Evaluate $T \div n$ for T = 9000 and n = 20. What does your result mean in this situation? Write your answer in a complete sentence.