**Directions: Solve the following problems. Leave questions, notes, computations, sketches or other information that will help you explain how you got your answer.**

1. Joel Barlow school district is proposing a 5% increase in the number of days in a school year. Currently there are 180 days in a school year. How long would a school year be with the proposed increase?
   1. 181 days
   2. 183 days
   3. 185 days
   4. 189 days
   5. 270 days
2. Which of the following numbers is between 2,329,500 and 2,598,100?
   1. 2,249,550
   2. 2,303,600
   3. 2,327,900
   4. 2,329,333
   5. 2,589,200
3. Max has 2 bookshelves and a bed. How many pieces of furniture does he have all together?
4. Hunter had 764 pieces of paper and lost 87 of them. How many are left?
5. Caroline has two dogs. They each get one cup of dog food in the morning and the same at night. How much do they eat?
6. Gwen drives 18 miles round trip between home and school each day. If her daily round trip is rounded to the nearest 5 miles, which of the following is the best estimate of the total number of miles driven in 5 days?
   1. 75 miles
   2. 100 miles
   3. 125 miles
   4. 180 miles
   5. 200 miles
7. Teagan ran the same distance in four different races. Her times were 18.04 seconds, 21.39 seconds, 12.99 seconds, and 14.14 seconds. If the individual times are rounded to the nearest one-tenth of a second, what is the estimate of Teagan's total time for all four races?
   1. 66.6 seconds
   2. 66.5 seconds
   3. 66 seconds
   4. 65.5 seconds
   5. 61.56 seconds
8. Brandon buys 4 notebooks for $3.50 each at a store. The next day he returns to the store and exchanges the notebooks for 3 notebooks that have gone on sale for $1.75 each. Brandon uses the following expression to calculate the amount of money he should receive back from the exchange.

(4 × $3.50) – (3 × $1.75)

Which of the following expressions could Brandon have also used?

* 1. $3.50 – $1.75
  2. 3($3.50 – $1.75) + $3.50
  3. (4 × $3.50) – $1.75
  4. (4 × 3) – ($3.50 × $1.75)
  5. 12 – ($3.50 + $1.75)