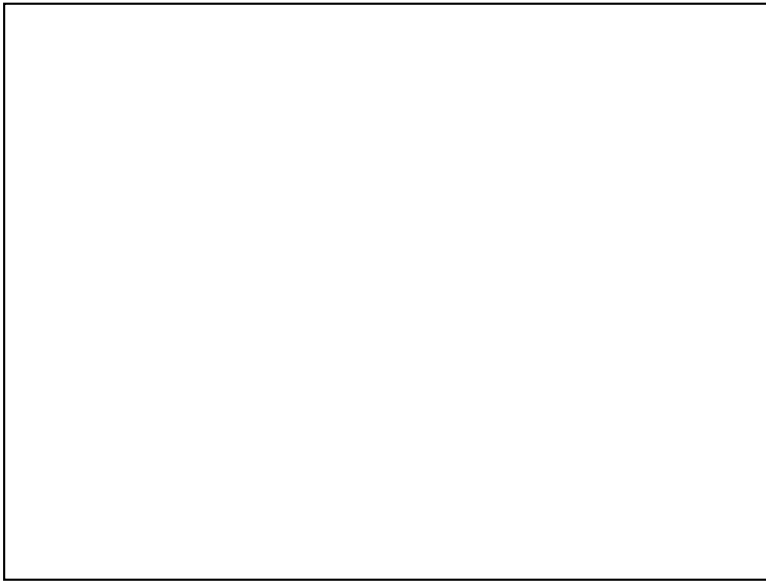Group Quiz 4

1. Find the area of the following rectangle in square inches.

2. Now, estimate the area of the previous rectangle in square centimeters, by measuring each dimension to the nearest centimeter.

3. While driving to Las Vegas, Juliette averaged 53 miles per hour. She traveled for 12 hours at this speed, until she reached her motel.

   (a) Estimate how far she had traveled by rounding each factor to one significant digit before multiplying.

   (b) Find the exact answer by using distributive property.

4. Each bag of M&M's in Safeway contained 24 green M&M's. There were 68 bags in the store.

   (a) Estimate the total number of green M&M's in the store by rounding each factor to one significant digit before multiplying.

   (b) Find the exact answer by using distributive property.

5. Each bag of M&M's in Safeway cost $2.50. There were 68 bags in the store.

    (a) Estimate the total cost of all of the M&M's in the store by rounding each factor to one significant digit before multiplying.

    (b) Find the exact answer by using distributive property.

6. Find the area of the following triangle in square centimeters: