Warm-Up 1

1) $3(2x + 7) =$

2) What is the sum of -8 and its opposite?

3) Veronica traveled 126 miles on 3 gallons of gas. On another trip she traveled 210 miles on 5 gallons of gas. Find the unit rate in miles per gallon on her two trips.

4) If Ben makes $35.00 per hour and then he gets a 10% raise, what is his new salary?

5) A map has a scale of 1 inch = 35 miles. What is the actual distance if the distance on the map is 3.5 inches?