UB SAT 2009
Homework #3
Algebra Review
Due: Mon, Feb 9

1. What is 65 percent of 40?

2. If y is 4 more than the product of 6 and 2, what is the value of y?

3. If 11 less than the product of 7 and y is 17, what is the value of y?

4. If 40 percent of the quotient of y and 8 is 2.8, what is the value of y?

5. If $\dfrac{2}{3}$ of a number is equal to 1 more than $\dfrac{1}{2}$ the same number, what is the number?

6. If 25 less than 20 percent of x is 5 minus the product of 40 percent and x, what is the value of x?

7. If increasing y by 100 percent gives you 30, what is the value of y?

8. If the sum of a number and 3 is 4 more than 2 times the same number, what is the number?

9. If 5 less than the quotient of n and 10 is 5 more than 20% of n, what is the value of n?