Name:

Algebra

Section 1.8

**Write an equation to represent the given relationship among integers**

1. The sum of two consecutive integers is 43.

2. The sum of three consecutive integers is 70.

3. The sum of four consecutive integers is -106.

4. The sum of four consecutive integers is -42.

5. The sum of three consecutive odd integers is 75.

6. The sum of three consecutive odd integers is 147.

7. The product of two consecutive even integers is 168.

8. The product of two consecutive odd integers is 195.

9. The sum of four consecutive even integers is -100.

10. The greater of two consecutive even integers is six less than twice the smaller.

11. Four cousins were born at two-year intervals. The sum of their ages is 36.

12. The smaller of two consecutive even integers is five more than one half of the greater.

13. The sum of three consecutive odd integers is 40 more than the smallest.

14. The sum of three consecutive even integers is 30 more than the largest.

15. Find two consecutive integers whose product is 5 less than 5 times their sum.

16. Find two consecutive odd integers whose product is 1 less than 6 times their sum.