

Integer Problems

1. Find three consecutive odd integers such that three times the least is nine more than twice the greatest.
2. Find four consecutive integers such that when the difference of the greatest and least is combined with the sum of the middle two integers the result is 46.
3. Find three consecutive even integers such that twice the least increased by three times the greatest is 102.
4. Find three consecutive odd integers such that four times the second, **minus** three times the first is equal to five times the greatest.
5. Five times the smallest of three consecutive odd integers is ten more than twice the largest. Find the integers.
6. Find three consecutive even integers such that twice the sum of the first and third integers is twenty-one more than the second integer.
7. Find three consecutive odd integers such that three times the middle integer is seven more than the sum of the first and third integers.
8. Find three consecutive even integers such that four times the sum of the first and third integers is twenty less than six times the middle integer.
9. Four times the first of three consecutive odd integers is five less than the three times the third integer. Find the integers.
10. The sum of four consecutive even integers is 100. What is the sum of the smallest and the largest of the four integers?
11. The sum of four consecutive odd integers is negative sixty four. What is the sum of the smallest and the largest of the four integers?
12. Find three consecutive odd integers so that 5 times the second, decreased by twice the third, is 9 more than twice the first.
13. Find three consecutive odd integers such that the sum of the least and the greatest is 78.
14. Find four consecutive even integers such that twice the least increased by the second greatest and increased by three times the greatest is equal to 166.