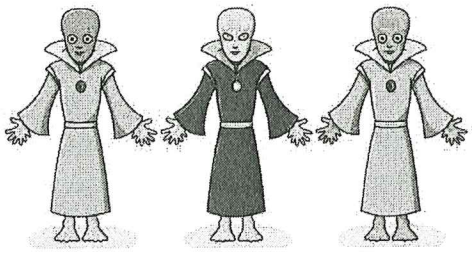
Name:_____Class_____

Invasion of the Consecutive Integers

Write an equation base on the relationship of the consecutive integers and solve to find the consecutive integers.

1. Find two consecutive integers whose sum is 77.

$x = 38$



5. The sum of three consecutive <u>even</u> integers is 72. Find the integers.

$x = 22$

2. Three U.F.O.'s were constructed in consecutive years. Their ages have a sum 126. How old is each U.F.O.?

$x = 41$

6. The sum of two consecutive odd integers is -88. Find the integers.

$x = -45$

3. Zoltar and his younger brother Boltar were born one year apart. The sum of their ages is 37. Find their ages.

$x = 18$

7. Find three consecutive odd integers whose sum is 75.

$x = 23$

4. Find three consecutive integers whose sum is -147.

$x = -50$

8. Find two consecutive even integers such that the sum of the larger and twice the smaller is 62.

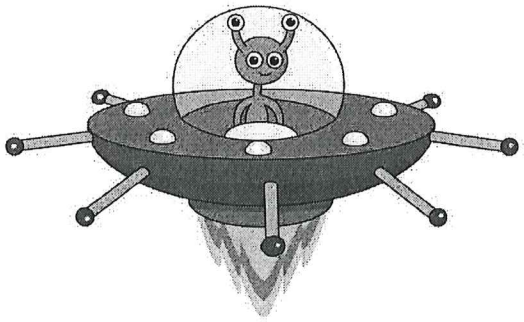
$x = 20$

9. The sum of three consecutive integers is equal to 9 less than 4 times the least of the integers. Find the three integers.

X = 12

13. Find three consecutive integers such that the sum of twice the smallest and 3 times the largest is 126.

X = 24



10. Find three consecutive even integers such that the sum of the smallest and the largest is 36.

X = 16

14. Four aliens were born in two-year intervals. The sum of their ages is 36. Find the age of each.

X = 6

11. When the smaller of two consecutive integers is added to four times the larger, the result is 79. Find the two integers.

X = 15

15. When the sum of four consecutive odd integers is divided by 6, the result is 4. Find the integers.

X = 3

12. The sum of two consecutive integers is 61 less than the smaller. Find the integers.

X = -62

16. The sum of two consecutive integers is 1,173. What is their difference?

X = 586