

Specific Word Problems

Translating

- Seven times a number _____
 10 less than a number _____
 12 more than a number _____
 4 times a number plus 5 times that same
 number _____
 20 decreased by 4 times a number _____

Consecutive Integer Word Problems
 Integer: A positive or negative whole number.
 Consecutive: In a row

Consecutive Integer		Consecutive Even Integers		Consecutive Odd Integers	
Example:	In terms of n	Example:	In terms of n	Example:	In terms of n

Find two consecutive integers whose sum is -97

Find two consecutive even integers whose sum is -38

Find three consecutive integers whose sum is 171

Find three consecutive even integers whose sum is 84

Find two consecutive odd integers whose sum is -36

Consecutive Integer:

Three consecutive integers add to a sum of -96. What is the largest of the three integers?

Find three consecutive odd integers whose sum is 75

Specific Word Problems

Consecutive Integer (difficult):

There are two consecutive integers such that four times the smaller plus three less than twice the larger is 71. What are the two integers?

Consecutive odd/even integer:

Two consecutive odd integers have a sum of 40. What are the two numbers?

Consecutive odd/even integer (difficult):

There are three consecutive even integers such that the sum of twice the smallest, one less than the middle, and four more than the largest is -15. What are the three integers?

Consecutive Integer Practice Questions

Three consecutive odd integers are such that the sum of the first and the third is 70. Find the integers.

Three consecutive integers are such that three times the smallest is 14 more than the largest. Find the integers.

Three consecutive even integers are such that the sum of the smallest and 3 times the second is 38 more than twice the third. Find the largest integer.

Specific Word Problems

Age Problems

Rod's mother is 3 years more than 4 times as old as Rod. Their combined age is 33. How old is Rod?

Rod:

Rod's Mom:

Age Problems

John is 3 years older than Jim. Jim is 4 years less than twice David's age. If their combined age is 35, how old is Jim?

John:

Jim:

David:

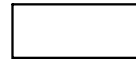
Age Problems

Three less than 5 times Wanda's age is the same as 3 times her age increased by 37. How old is she?

Wanda:

Perimeter/Area problems

The perimeter of a rectangle is 24 inches. Find the width if its length is 3 inches greater than its width.

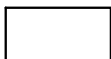


w:

l:

Perimeter/Area problems

The perimeter of a rectangular garden is 44ft. The length is 2ft more than 3 times the width. What is the area of the garden?

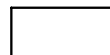


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Perimeter/Area problems

The length of a rectangle is 4 inches more than 2 times its width. The perimeter of the rectangle is 80 inches. What are the dimensions of the rectangle?



w:

l:

Specific Word Problems