Applications: Consecutive Integers, Fixed Costs

	cutive Integers The sum of three consecutive integers is 123. Find the three integers.			
	Unknowns:	X = first integer = second integer = third integer	Equation:	
В.		of two consecutive odd integers is s maller odd integer.	ubtracted from twice the larger one, then the result	
	Unknowns:	N = first odd integer = second odd integer	Equation:	
TRY:	If the smaller of two consecutive even integers is added to three times the larger one, then the result is five times the smaller one. Find the two integers.			

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Fixed and Variable Costs

A.	A wood chipper rents for \$20 per day plus \$6 per hour. Find the cost to rent the chipper for 4 hours.				
	Unknowns:	T = total cost	Equation:		
В.	_	e charges \$25 per day plus \$0.12 per mile to rent a car. The rental bill for two days totaled \$62. e number of miles driven over the two days.			
	Unknowns:	M = miles Cost of days = 2(25) Cost of miles = Rental cost = cost of days + cost of miles	Equation:		
C.	C. Shay rented a van and drove it 350 miles over 3 days. The total bill was \$125. The rental co changes \$0.10 per mile. Find the price charged per day.				
	Unknowns:	P = price charged per day Cost of days = Cost of miles = Rental cost = cost of days + cost of miles	Equation:		
TRY:	You need a new cell phone for emergencies only. Company X charges \$12 per month plus \$0.10 per minute, while Company Y charges \$0.15 per minute with no monthly service charge. Find for how ma minutes the monthly cost will be the same.				

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