<u>,</u> 9¥	Unit 1 Relationships Among Quantities
	Date:
,	Identifying Parts of Easy & Complicated Expressions Practice
Sara tapo	and two friends had dinner at a Spanish tapas restaurant that charges \$6 per and two friends had dinner at a Spanish tapas restaurant that charges \$6 per and two friends and the shared several tapas. The total bill included taxes .32.
1.	What was the cost of each tapa without including taxes? $\$ \lor $
2.	What variable can be used to represent the number of tapas ordered? $N$ , $Y$ , $\forall$
3.	What algebraic expression can be used to represent the cost of the tapas at \$6 each, not including taxes? $\bigvee$
á	What algebraic expression can be used to represent the cost of the tapas

what algebraic expr ordered including taxes? 6n+4.32

5. How many terms does the expression from question 4 include? TWO TUMS

6. What are the terms? WM, U,32

7. What are the coefficients of each term?  $\bigvee$ 

What is the constant? 4,32

.75/10x

Andre purchases 10 cans of tennis balls from an online store and received a 25% discount. Shipping cost \$5.99.

8. What algebraic expression can be used to represent the total cost of tennis balls purchased, if x represents the cost of each can?

9. What algebraic expression can be used to represent the total cost of tennis balls 10x - .25(10x)purchases that includes the 25% discount?

10. What algebraic expression can be used to represent the cost of the cans of tennis balls ordered with the 25% discount and including shipping?

 $10\chi - .25(10\chi)$ 11. How many terms does the expression from question 10 include

4nree.

12. List the terms.

10x, -25(10x), 5,99

13. What are the coefficients of each term?

What is the constant?

5.90

11),-2.5





	Identifying Parts of Expressions Homework
<i>छ</i> र । .	Identify each term, coefficient, and constant in $5x^2 + 3x + 12$ .
	Write an expression with 4 terms, containing the coefficients 3, 6, and 9.  Addie agrees to buy a 6-month package deal of monthly gym passes, and in turn receives a 15% discount. Write an expression to represent the total cost of the monthly passes with the discount, if x represents the cost of each monthly pass. $b \times -15 (x)$
4.	A smartphone is on sale for 25% off of its list price. The shipping cost is \$10. What expression can be used to represent the total cost of the smartphone? Let $x$ represent the list price of the phone. Identify each term, coefficient, constant, and factor of the expression described. $ X25X + 10 = .75X + 10 $
6.	Allie and some friends went to a movie. Their total cost was \$30.24, which included taxes of \$2.24. Write an algebraic expression to represent the price of each movie ticket, not including taxes. Let x represent the number of Nadia's friends that went to the movies.  Stephanie wants to buy some purses that are on sale for 30% off the original price of \$120. The shipping cost is \$15. Write an algebraic expression to represent the total cost of the purses. Let x represent the number of purses she is buying.
	120X 30 (120X) +15
er in erecen	Translations
Îrai	nslate each verbal expression to an algebraic expression.
7. T 3. T 2. 1 10.	Eight more than 3 times a number $3 \times 10$ . The difference of 10 and a number $10 - \times$ . The quotient of 12 and a number $12 / \times$ . Is less than twice a number $2 \times -15$ . Three-fourths the square of a number $3/4 \times 2$ . The product of 5 and the cube of a number increased by the difference of 6 and $\times 5 \times 10^{-2} + (10 - \times)$ . Half the sum of x and y decreased by one-third of $\times 10^{-2} + \times 10^{-2} = 10^{-2} + \times 10^{-2} = 10^{-$