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1) What is the name of a number that multiplies a variable, such as the " 9 " in the term " $9 x$ "?
2) Evaluate: $\left(6^{2}-8 \div 4\right)+27$
3) Write in exponential form: $7 \cdot 7 \cdot 7 \cdot 7 \cdot 7=$
4) Evaluate $3 n^{2}+4 n-n$ if $n=7$
5) Write an expression that represents " 12 more than a number?"
6) Simplify this expression by combining like terms: $7 n+15 n^{2}+13 n-14 n^{2}-n+17 n$
7) The cost of seeing a movie is $\$ 8.25$ for admission, plus an additional $\$ 2.25$ for each snack purchased. Write an expression to represent the cost of seeing a movie and purchasing s snacks.
8) Translate into an algebraic expression: nine more than the quotient of seven cubed and six.
9) Melissa and 4 of her friends rent a movie for $\$ 5$ and buy $n$ medium drinks for $\$ 3$ each. If they split these costs evenly, write an expression that can be used to find the amount each girl should pay?
10) If the formula for the area of a triangle is $\frac{1}{2} b h$, find the area of a triangle with a base of 15 and a height of 16 .
11) Evaluate "4 cubed."
12) Simplify the expression $7(n+3)+12 n-10$
13) What are like terms?
14) Apply the distributive property to simplify the expression: $12(17 x+19)$
15) The expression $\mathbf{1 2 0}+\mathbf{0 . 3 0 m}$ can be used to find the total price for renting a car, where $\boldsymbol{m}$ represents the number of miles driven. Determine the cost if $m=130$ miles in the rental car.
16) Factor to write an expression that is equivalent to $30 x+5$.
17) Which expression is NOT equivalent to the others?
A) $7(6+9)$
B) $42+63$
C) $7 \cdot 15$
D) $7(6) \cdot 7(9)$
18) Write and example of the commutative property?
19) Label the parts of the expression:

20) A family of four ( 2 adults and 2 kids) is going to the pumpkin patch. Regular admission is $\$ 12$ for adults and $\$ 4$ for kids. How much will they pay to get in?
