MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

## Solve.

1) Ben sold his used snow plow and accessories for $\$ 352$. If he received seven times as much money for the snow plow as he did for the accessories, find how much money he received for the snow plow.
A) $\$ 308$
B) $\$ 54$
C) $\$ 2464$
D) $\$ 44$
2) A number less 24 is -1 . Find the number.
A) 23
B) 25
C) -25
D) -23
3) The product of 8 and a number is the same as 40 less twice that same number. Find the number.
A) 4
B) 20
C) -20
D) -4

## Write the sentence as an equation. Use $x$ to represent "a number."

4) A number added to -19 is equal to -21 .
A) $-19-21=x$
B) $-19+x=-21$
C) $x-21=-19$
D) $x=-19+21$
5) Seven times the difference of 13 and a number gives -7 .
A) $7(x-13)=-7$
B) $7(13)-x=-7$
C) $7 x-13=-7$
D) $7(13-x)=-7$
6) Six times a number yields 48 .
7) 

) $\qquad$
2) $\qquad$
3) $\qquad$

1.13 Translating Algebraic Equations 1

Fill in the blank with one of the words or phrases listed below.

| variable | addition | constant | algebraic expression | equation |
| :--- | :--- | :--- | :--- | :--- |
| terms | simplified | multiplication | evaluating the expression | solution |
| like | combined | numerical coefficient | distributive |  |

11) The number factor of a variable term is called the $\qquad$ .
A) variable
B) constant
C) algebraic expression
D) numerical coefficient
12) A term that is a number only is called $a(n)$ $\qquad$ .
13) 

A) numerical coefficient
B) variable
C) solution
D) constant
13) A letter used to represent a number is called a(n) . $\qquad$
A) solution
B) numerical coefficient
C) constant
D) variable
$\qquad$

14) The addends on an algebraic expression are called the $\qquad$ of the expression.
A) multiplication
B) solution
C) terms
D) addition
15) Terms that are exactly the same, except that they may have different numerical coefficients, are called

## terms.

A) variable
B) combined
C) constant
D) like

1) $A$
2) $A$
3) $A$
4) B
5) $D$
6) $D$
7) $A$
8) $B$
9) $D$
10) B
11) $D$
12) $D$
13) D
14) C
15) D
