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## GEOMETRY NTI DAY 1: Simplifying Expressions and Solving Equations Simplify the expressions, Solve the equations.

Complete 3 in Each Row. (You may complete them all for extra credit, but extra credit will only be given if the assignment is completed.) Please do your work on this sheet of paper.


DO NOT SOVLE THE FOLLOWING EQUATIONS!!! Determine whether each statement is TRUE or FALSE.

## Prove your answer by using substitution(aka-"Plug it in") WORK MUST BE SHOWN TO GET CREDIT FOR YOUR ANSWER!!!

26) -6 is a solution
for the equation
$4 k+1-6=-17$.
27) -4 is a solution for the equation $6-b-b=-2$.
28) -8 is a solution for the equation $-1=16+2 n-4-5-n$.

## FIND THE MISTAKE

Below are 2 equations that have been solved, step-by-step.
Each of them contains one mistake. Find the mistake and circle it
29) $-4 n-2 n=-12$

$$
\frac{-6 n}{6}=\frac{-12}{6}
$$

$$
n=-2
$$

$$
\text { 30) }-16-1+5 r-4 r+r=-5
$$

$$
-15+2 r=-5
$$

$$
\begin{array}{ll}
+15 & +15 \\
\hline
\end{array}
$$

$$
\underline{2 r}=\underline{10}
$$

$$
r=5
$$

