$\qquad$
$\qquad$ October 21st $\qquad$
TI: Underline/Highlight Terms and Information
P: Problem is worked out
S : Solution is in a complete sentence

|  | Make sure to follow the TIPS to solve the word problems: | Show all your work \& circle your answer |
| :---: | :---: | :---: |
| $\begin{aligned} & \hline D \\ & A \\ & y \\ & 1 \end{aligned}$ | Write a multiplication or division sentence to answer the question. <br> The temperature dropped $4^{\circ}$ each hour for 3 hours. What was the total change in temperature? | Evaluate the following expression, for $p=7, q=4, r=3$ $r(p+3)+q(r-1)$ |
| $\begin{aligned} & \hline D \\ & A \\ & y \\ & 2 \end{aligned}$ | The combined enrollment in three grades at Jefferson Middle School is 977. There are 356 students in $6^{\text {th }}$ grade and 365 students in $7^{\text {th }}$ grade. Write and solve an equation to find how many students are in the $8^{\text {th }}$ grade. | At practice, Malia does three times as many burpees as Deeksha and also 10 pull-ups. She does 61 exercises in all. The equation $3 n+10=61$ represents this scenario. What does $n$ represent? <br> A. The number of burpees Deeksha does. <br> B. The number of pull-ups Deeksha does. <br> C. The number of burpees Malia does. <br> D. The number of pull-ups Malia does. |
| $\begin{aligned} & \hline D \\ & A \\ & y \\ & \hline \end{aligned}$ | Which is a solution of $\mathrm{b}-25=75$ ? <br> a. $b=3$ <br> b. $b=50$ <br> c. $b=100$ <br> d. $b=150$ | Find the average bank balance: \$52, -\$7, \$20, -\$63, -\$82 |

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\begin{tabular}{|c|c|c|}
\hline D
$A$
y

4 \& | Circle all expressions that are equivalent to the given expression: $-4.25-3(4.1 x-3.5)+2.1 x$ |
| :--- |
| A. $-4.25-12.3 x+10.5+2.1 x$ |
| B. $-4.25-12.3 x-10.5+2.1 x$ |
| C. $6.25-10.2 x$ |
| D. $14.4 x+6.25$ |
| E. -3.95 |
| F. $-3.95 x$ | \& Solve the equation.

$$
56 h=3,136
$$ \\

\hline D
A
Y

5 \& | 19) Which number line shows all values of $x$ that make the inequality $5-\left(\frac{1}{2} x+20\right)<-16$ true? |
| :--- |
| A. |
| B. |
| C. |
| D. | \& Simplify:

$$
2(4-3 t)-(-3)+2 t
$$ \\

\hline
\end{tabular}

