1. **Evaluate the following expressions.**
2. (32.5)(2.4)
3. 2.54 ÷ 0.5
4. $\frac{0}{20}$
5. $x^{3}y^{2}$ for x = -2 and y = -2
6. **Write signed number corresponds to the situation.**
7. A Diver dove 35 meters Below the Sea …………………..
8. A tip of a certain mountain is located at 5,650 meters above sea level ………………..
9. **Simplify:** $[2x(x-3)-4]+[4(2x-1)-1]$
10. **Perform the indicated operation. Write your answer in DECENDING order.**

$$\left(6y^{5}-9y^{3}-2\right)+\left(y^{4}+4\right)-(4y^{5}-8y^{3}+3)$$

1. **Provide an appropriate response.**
2. Given the set $\{-2.03 , \frac{3}{7},0,-3, 6\}$ give the elements that are integers.
3. Translate the mathematical expression to words. $4\left(y+x\right)$
4. Insert $<,>, or=$ between the pair of numbers to make the statement true.

$$\left|54-25\right| \left|11-42\right|$$

**Solve the problem**

1. A Stock exchange market showed a loss of 30 points on Sunday, Followed by another loss of 40 Points on Tuesday. What was the difference in stock value?
2. **Translate the following into a numerical expression and then evaluate the expression.**
3. One-fourth of the difference between 12 and -4. **Simplify your answer.**
4. The product of 5 and -4 decreased by 3.
5. 6 less than the quotient of 36 and 6.
6. **Fill in the blanks with the correct answer.**
7. The absolute value of -3 is \_\_\_\_\_.
8. The coefficient of $-4x^{5}y^{8}is$\_\_\_\_\_the degree is \_\_\_\_\_ and the variable(s) are\_\_\_\_and\_\_\_\_\_.
9. The opposite of -6 is\_\_\_\_\_.
10. The polynomial $2x^{2}+3x-13$ is called a \_\_\_\_\_\_\_\_ according to the number of terms.

**Solve the problems.**

1. The amount of weekly sales in thousands of dollars for a newly designed printer is given by the formula$Y\left(w\right)=-8w^{2}+25w+4$. Find the amount of sales after 2 weeks. **W=2**
2. Mishary had 130 KD in his checking account. He wrote a check for 73 KD and Withdraws 20 KD.

What is the total balance in his account?

1. **Simplify using the laws of exponents. Write your answer using positive exponents.**
2. $\left(\frac{3z}{4m}\right)^{-3}$
3. $(-3^{4})^{8}$
4. $(-3x^{3}y)^{3}$
5. Find the quotient of $\frac{16x^{3}-20x^{6}+12x^{4}}{-4x^{4}}$
6. **Find the product:**
7. $-6x(4x^{2}+3x-6)$
8. $(x-3)$($2x^{2}+3x-5)$
9. $(-4mn^{2})(3m^{3}n)$
10. One side of a rectangular is $\left(3x+1\right)$, The other side is $(2x+4)$ as

Shown in the Graph.

Write a Polynomial that represent the area of the rectangular.

 $(3x+1)$

 $(2x+4)$

1. **Simplify the following expression.**

$$\frac{3(-2)^{4}-4(5-3)}{4\left(8-3\right)÷-2}$$

1. Farah have $(3x+15)$ KD, while Mohammed have$(-x+20)$.

How much money do they have together?