Station 3 Instructions

1. If you have just finished Station 2, use the envelope to check your answers before beginning Station 3.
2. Put the worksheet “Mathematical Operation WORDS” on the table were all members of your group can see it.
3. Handout the note sheet “Translating Verbal Phrases” to each group member.
4. As a team, decide the meaning of each word/phrase from the “Mathematical Operation WORDS” worksheet and write it in the corresponding box. For example, if the word was “add”, you would write it in the box next to addition.
5. Once you have all the words placed on your note sheet, try to think of other words that you could use for addition, subtraction, multiplication, and division.
6. Next, work together to complete the practice problems from Station 3. Refer to your chart as needed. If your team disagrees about an answer, please feel free to ask for help.
7. EXAMPLE:

8 more than a number x ANSWER: x + 8, because more than means to add

Mathematical Operation WORDS

Station 3

(Please do not write on or remove this paper from folder.)

Difference

Product

Total

Times

Divided into

Plus

More than

Of

Divided by

Decreased by

Increased by

Minus

Sum

Multiplied by

Quotient

Less than

Translating Verbal Phrases

|  |  |
| --- | --- |
| **Operation** | **Key Words** |
| Addition |  |
| Subtraction |  |
| Multiplication |  |
| Division |  |

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Station 3 Practice Problems**

Translate the verbal phrase into an expression.

1. The difference of 9 and a number n
2. The quotient of a number y and 22
3. 18 more than a number c
4. The product of 6 and a number b.

Write an expression for the situation.

1. The amount of money your spent if you started with $40 and now have d dollars
2. The total height of a 1-foot tall birdbath if it is placed on a base that is x feet tall

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Station 3 Practice Problems: Answer Key**

Translate the verbal phrase into an expression.

1. The difference of 9 and a number n **9 – n**
2. The quotient of a number y and 22 **y 22**
3. 18 more than a number c **c + 18**
4. The product of 6 and a number b. **6b**

Write an expression for the situation.

1. The amount of money your spent if you started with $40 and now have d dollars

**$40 – d**

1. The total height of a 1-foot tall birdbath if it is placed on a base that is x feet tall

**1 + x**