Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_Integer Project

Objective

To solve the problem adding integers.

Process

You are to create a flyer that represents the real world situation

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| 1. **Chose one of 3 word problems and write it on the flyer.** |
| *A football team had 4 plays. The first play they gained 6 yards, the second play they lost 3 yards, the third play they lost 2 more yards and the last play they gained 1 more yard. If they started at the zero yard line where are they now?* | *A golfer had the following scores: The first hole he scores a +2, the second hole he scored a -1, the third hole he scored a +3 and the fourth hole he scored a -2. What was his final score?* | *A mountain climber started at zero elevation. The first day he hiked 10 miles up the mountain, the second day it got steeper and only hiked 3 miles, the third day he had to detour and went down 4 miles and the last day he went up 1 mile. How far did he get up the mountain?* |
| 1. Draw the objects described in your problem that best represents your word problem
 |
| 3. Use your rules for integers to find the answer.* Write the problem
* Show all your work
 |
| 4. Write a paragraph that summarizes the process you used to set up the problem and solve it by using at least 5 vocabulary words. Choose from the following:  |
| * Integer
* add
* subtract
* positive
* negative
* increase
 | * opposites
* sign
* decrease
* solution
 |
| 5. Design your flyer* Be creative and illustrate what your real life problem is about. NEATNESS COUNTS!!!
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Grading Rubric

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| --- | --- | --- |
| Category | Requirements | Points |
| Write the word problem | * Clearly written
* No spelling or grammar errors
 | 10 |
| Draw the picture | * Correctly represents the real world situation
* Labels are correct
 | 20 |
| Solve the problem | * All work is presented
* No mathematical errors
 | 20 |
| Write the paragraph | * Consists of at least **5 sentences**
* Contains at least **5 vocabulary words** used in their correct context
* Correctly describes the summary
* No grammar or spelling error
 | 40 |
| Design the flyer | 🗸Neat and creative, include COLOR🗸Illustrates the topic of the word problem | 10 |