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!!! | | | |

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 |