

POW #5

PUSH UPS

Daniela did 1 push-up on the first of November. She did 2 push-ups on November 2, 4 push-ups on November 3 and 8 on November 4. If she continued with this plan, how many push-ups would she do on November 14?

Nov 2007 Nov 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

POW GUIDELINES

Number and label the 4 parts of your write-up.

1. Complete heading

2. Problem Statement

In your own words, tell what you are asked to do--include the essential details and the question.

3. Process.

Show all your work. Refer to the problem to give reasons for each step. Write enough (several paragraphs) to show that you really tried to solve the problem.

4. Solution.

Write your answer in a sentence which refers to the problem. Explain why your answer makes sense. Show a check if you can.

5. Evaluation.

Write complete sentences to answer these questions:

- How do you feel about this POW? Why?
- Did anyone help you?
- Does this remind you of any other problem?
- Tell one thing you learned.
- What rubric score should you get? Why?

EXTENSIONS. (Extensions are optional) If the POW is easy for you, try the extensions. Write a paragraph for each--the extensions do not require 4-part write-ups.

FIRST EXTENSION: Following this plan, how many push-ups a minute would Daniela have to do on November 14?

SECOND EXTENSION: On what day would the number of push-ups exceed 1,000,000?