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There will be 20 Problems of the Week over the 2010-2011 school year. The POW will be distributed on Thursday. They are due the following Wednesday at the beginning of the school day. A POW is a *writing* assignment and should be done **neatly** on binder paper or typed. There are five parts to the POW.

1. **Heading:** Your paper must have a **complete** heading, INCLUDING the POW #.
2. **Problem Statement:** IN YOUROWN 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 (possibly multiple paragraphs) to show you really tried to solve the problem. **Explain your thinking**. You may have drawing, graphs, diagrams, charts, lists, pictures and/or calculations.
4. **Solution:** Write your answer in a sentence which refers to the problem. Explain why your answer makes sense. Show how you checked your work if you can.

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1. **Evaluation**: Write complete sentences to answer the following:
* How did you feel about this POW? Why?
* Did anyone help you?
* Tell one thing you learned.
* Does this remind you of another problem you have done?

**POWs for the year:**

#1 Welcome (handshakes)

#2 Outfits (4 shirts, 2 pants, 2 shoes)

#3 Squares (4x4 grid)

#4 I’ve Got It (bouncing ball)

#5 Pushups (double number each day)

#6 Addresses (4-digit addresses)

#7 Old McDonald (36 head and 126 feet)

#8 Routes (number of paths)

#9 Heartbeats (1,000,000 heartbeats)

#10 Basketball Tournament (16 teams)

#11 The Field Trip (to Monterey)

#12 Change for a Dollar (quarters, dimes, nickels)

#13 The Dog, Geese and the Corn (Cross the River)

#14 How Many 2’s (1-499)

#15 A Staircase Pattern (area and perimeter)

#16 A Snail’s Pace (climbing a wall)

#17 Stamp It (5 and 8 cent stamps)

#18 Rectangles (how many?)

#19 A Dice Game (multiply numbers)

#20 Dog Pen (area)