

Name: _____

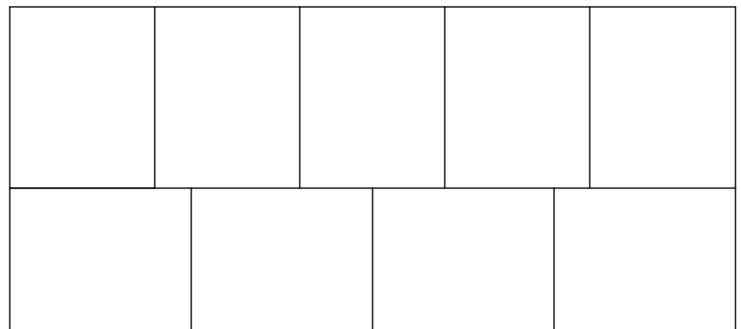
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Quarter 2 Problem Solving #1

1. Some cats have got into the pigeon loft because the total head count is 34, but the total leg count is 80. How many cats are in with the pigeons?

2. Nine congruent rectangles are placed as shown to form a large rectangle whose area is 180 square units. Find the perimeter of this figure.



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3. Each letter represents a different number. Find the values of P, O, and F that will make this puzzle true.

$$\begin{array}{r} P \quad O \quad P \\ + \quad \quad O \quad F \\ \hline O \quad P \quad P \end{array}$$

4. A ferry boat can hold a maximum of 60 children **or** 36 adults. Assuming that each child possesses the same weight and all adults share a common weight, if there are 20 children on the boat, how many adults can still get on?