## Perimeter Exploration Questions

1. Complete the following table:

| Set Area $=\mathbf{4}$ square units |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Try 1 | Try 2 | Try 3 | Try 4 | Try 5 |
| Set Area $=\mathbf{6}$ square units |  |  |  |  |
| Try 1 | Try 2 | Try 3 | Try 4 | Try 5 |
| Set Area $=\mathbf{8}$ square units |  |  |  |  |
| Try 1 | Try 2 | Try 3 | Try 4 | Try 5 |
| Set Area $=10$ square units |  |  |  |  |
| Try 1 | Try 2 | Try 3 | Try 4 | Try 5 |
| Set Area $=12$ square units |  |  |  |  |
| Try 1 | Try 2 | Try 3 | Try 4 | Try 5 |

2. How many different values did you get for each set area?
3. What conclusion can be drawn from your data?
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