Corral Fencing Worksheet

A rancher is building a corral for her horses. She needs to decide how big to make the corral and then how much fencing she needs to buy. The rancher wants to build a square-shaped corral.

1. If a square corral was built using 300 feet of fencing, what would be the area of the corral?

2. If a square corral was built using 600 feet of fencing, what would the area of the corral?

3. How does the area of the second corral compare to the area of the first corral?

4. If a square corral was built using 900 feet of fencing, what would be the area of the corral?

5. From your results in the questions above, about the three corrals, what generalizations can you make? Make an *in-out table* to help you answer this question.

Discovering Relationships between Side Length and Area Lesson—Corral Fencing Worksheet