

P-01: Three Farms Problem (<https://www.richstowell.com/stem-outreach/word-problems/>)

According to the 2017 Census of Agriculture, Valley County had 188 farms totaling 50,959 acres. The Smith, Harris, and Washington farms together have 7,500 acres. The Smith farm is twice as large as the Harris farm. The Washington farm is one-fourth the size of the Smith and Harris farms combined. How large is each farm, and what percentage of the total farm acreage in Valley County do these three farms represent?

Solution Package Requirements:

1. Draw it – show the problem as a picture, diagram, or sketch
2. Rewrite it – extract the critical information from the word problem
3. Solve it – show an organized approach to the solution