**Spiders and Ants Problem** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Oh no! My house got infested by bugs! They were all either spiders or ants. Each spider had 8 legs, and each ant had six legs. I do not remember how many of each bug there were but I do remember (somehow) that there were 218 legs total. I also know that there were 6 more ants than spiders.

**Solve this problem TWO different ways. Show ALL of the work you do for this problem. Even the things that don’t work. We should be able to see the entire process you used to solve this problem. Organize your work well so that somebody looking at this paper could understand your process.**

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