

# Growing Plants? No Problem!

Did you know a Tower Garden® can hold up to 20 plants?

Use this fact to help you solve the problems below.

Explain your thinking with numbers, pictures, or words.



1 Grace and DeShawn have 16 seedlings to plant in their Tower Garden. Do they have an even or an odd number of seedlings? How many more seedlings can they put in their Tower Garden?

2 Juan has 7 seedlings and Ava has 6 seedlings. How many more seedlings can they plant in their Tower Garden?

3 Ms. Bright's class has 6 lettuce plants, 4 tomato plants, and 4 cucumber plants in their Tower Garden. If the rest of the Tower Garden has strawberry plants, how many strawberry plants do they have?

4 Flora and her classmates have an equal number of lima bean plants, green bean plants, bush bean plants, and fava bean plants in their Tower Garden. How many of each kind of plant do they have?

5 There are 10 kale plants growing in the community center's Tower Garden. There are also an equal number of leek and okra plants growing in the same Tower Garden. How many leeks and okra plants are growing in the Tower Garden?

6 Mr. Segundo's class wants to plant herbs in their Tower Garden. They would like to use chives and dill. If they use at least 6 of each plant and they fill their Tower Garden, how many of each herb can they have? List all possible answers.

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## Answer Key

**Student work will vary.**

1. even; 4 more seedlings
2. 7 more seedlings
3. 6 strawberry plants
4. 5 of each plant
5. 5 leek plants, 5 okra plants
6. 6 chives, 14 dill; 7 chives, 13 dill; 8 chives, 12 dill; 9 chives, 11 dill; 10 chives, 10 dill; 11 chives, 9 dill; 12 chives, 8 dill; 13 chives, 7 dill; 14 chives, 6 dill



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