



Activity I: Vegetable Garden Answers

Note: All answers given in fractions or percentages.

- 1) $\frac{2}{12}$ or $\frac{1}{6}$ of the garden is planted in peppers.
- 2) Onions take up the least amount of the garden. They are $\frac{1}{12}$ of the space.
- 3) Onions are $\frac{1}{12}$; beans and peppers are $\frac{1}{6}$ each; lettuce is $\frac{1}{4}$; and tomatoes are $\frac{1}{3}$.
- 4) Tomatoes take up 4 of the 12 squares, and lettuce takes up 3 of the 12 squares. Combined, they take up 7 of the 12 squares, or $\frac{7}{12}$ of the garden.
- 5) You can add up the beans, peppers and onions and get $\frac{5}{12}$. Or you can see that if they take up 7 out of 12 squares, the remaining garden space is 5 out of 12 squares, or $\frac{5}{12}$.
6. The tomatoes and the peppers would be $\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$. The tomatoes and the beans would be $\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$. The lettuce, onions, and the beans would be $\frac{1}{4} + \frac{1}{12} + \frac{1}{6} = \frac{1}{2}$.