1 Ms. Johnson's 36 students often work in teams. How many different teams of equal size can she make? List all the possibilities. How did you find your answer? Hint: Think factors!

2 Marcus can trim three bushes in 12 minutes. He needs to trim 25 bushes in two hours. Will he finish in time? How do you know?


3 The drama club put on two plays and collected cans of food for the food bank. The club collected 1,534 cans at the first performance and twice as many at the second. Did the club beat last year's collection of 4,330 cans? Explain.

4 Molly wants to make a gallon of lemonade. She found a onequart pitcher, a pint jar, and a two-quart pitcher. Can Molly make a gallon of lemonade using these containers? Explain.


5 Bruno eats twice as much dog food as Spot and three times as much as Fifi. If Spot eats three ounces of food, how much do Bruno and Fifi eat? How do you know?


6 Each student earns a prize for selling at least 15 candy bars. There are 15 prizes. Based on this plot's data, are there enough prizes? Explain.

|  |  | $x$ |  | $x$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $x$ | $x$ | $x$ |  | $x$ |  |
| $x$ | $x$ | $x$ | $x$ | $x$ | $x$ |
| $x$ | $x$ | $x$ | $x$ | $x$ | $x$ |
| 5 | 10 | 15 | 20 | 25 | 30 |
| Number of candy |  |  |  |  |  |

