

Question 17 is an open-response question.

- **BE SURE TO ANSWER AND LABEL ALL PARTS OF THE QUESTION.**
- **Show all your work (diagrams, tables, or computations) in your Student Answer Booklet.**
- **If you do the work in your head, explain in writing how you did the work.**

Write your answer to question 17 in the space provided in your Student Answer Booklet.

- 17 A coach is collecting a fee from each player on her soccer team. She collects the same amount of money from each player. The amount of money she collected over four days from some of the players is shown in the table below.

**Soccer Fees Collected**

Day	Number of Players	Amount Collected
Monday	4	\$ 88
Tuesday	7	\$154
Wednesday	6	\$132
Thursday	3	\$ 66
Friday	2	?

- On Friday, the coach will collect fees from 2 more players. What is the total amount of money the coach will collect from the 2 players? Show or explain how you got your answer.
- Use words or symbols to write or describe a rule that can be used to calculate the amount of money the coach will collect from  $p$  players.
- After every player on her team has paid the fee, the coach will have collected a total of \$550. What is the total number of players on the soccer team? Show or explain how you got your answer.