Problem-Solving Strategy

Write an Equation

Use the table for Problems 1–4.

Ben is tracking the points that he scores in his basketball games. The table shows the points that he scored in his first 4 games.

Write an equation to solve each problem.

1. In game 4, Ben scored a quarter of his team’s total points. How many points did his team score in game 4?

2. Ben’s friend Jason scored 3 fewer points than Ben did in game 1, and 2 fewer points than Ben in game 2. How many total points did Jason score in games 1 and 2?

3. Ben scored an equal amount of points in games 5 and 6. The total of his points in these games was equal to the total amount of points he scored in games 3 and 4. How many points did Ben score in game 5?

4. Ben’s team, including Ben, scored a total of 141 points in the first four games. How many points did Ben’s teammates score in the first 4 games?