6.4 After-School Tutoring

Write an equation for each story. Then find the number of problems originally assigned by each teacher. If you get stuck, try drawing a diagram to represent the story.

1. Five students came for after-school tutoring. Lin's teacher assigned each of them the same number of problems to complete. Then he assigned each student 2 more problems. In all, 30 problems were assigned.

2. Five students came for after-school tutoring. Priya's teacher assigned each of them the same number of problems to complete. Then she assigned 2 more problems to one of the students. In all, 27 problems were assigned.