

ANSWER SHEET

More Patterns in Problem Solving

Directions: Solve each problem by making a table.

1. The students in Miss Harper's class are taking turns going to the water fountain. Three students went to the water fountain first. When they returned, 6 students went. The third time, 9 students went to the water fountain. If this pattern continues, how many students will go to the water fountain on the fifth trip?

15 students

2. Brent and his assistants are painting rooms in a new apartment building. The first day, they paint 2 rooms. The second day, they paint 4 rooms. The third day, they paint 6 rooms. If this pattern continues, how many rooms will they paint on the sixth day?

12 rooms

3. Sasha is saving money from her allowance each week and placing it in her piggy bank. The first week, she saves 10 cents. The second week, she saves 25 cents. The third week, she saves 40 cents. If this pattern continues, how much money will she save on the tenth week?

\$1.45

4. Using problem number 3, determine how much money will be in Sasha's piggy bank after 10 weeks of savings.

\$7.75