

Name: _____

Solve the Word Problems in the Number Pattern Worksheets

1. A bakery sells bread, starting with 5 loaves. Each day, they bake 3 more loaves than the previous day. How many loaves will they have after 7 days?
2. A train travels a distance of 10 miles in the first hour. Each subsequent hour, it covers 5 more miles than the previous hour. How far will it travel in the 6th hour?
3. A school of fish has 8 fish in the first row. In each subsequent row, the number of fish increases by 4. How many fish are there in the 7th row?
4. A construction worker lays 6 bricks in the first layer of a wall. In each subsequent layer, he adds 2 more bricks than the previous layer. How many bricks are in the 10th layer?
5. A garden has 15 rows of flowers. In the first row, there are 3 tulips. Each subsequent row has 2 more tulips than the previous row. How many tulips are in the 15th row?
6. A squirrel collects 4 acorns on the first day. Each day, it collects 6 more acorns than the previous day. How many acorns will it have after 5 days?
7. In a geometric sequence, the first term is 3, and the common ratio is 2. What is the 6th term?
8. A store offers a discount of 10% on the first item, 20% on the second item, 30% on the third item, and so on. What discount is offered on the 5th item?
9. A factory produces 10 widgets on the first day. Each day, the production increases by 5 more widgets than the previous day. How many widgets will they produce on the 4th day?
10. A series of numbers starts with 7. Each subsequent number is 3 more than the previous one. What is the 9th number in the series?