

# Nature Patterns

Name \_\_\_\_\_ Date \_\_\_\_\_



**A big bug ate 54 smaller bugs in 4 days. Each day, it ate 5 more bugs than it did on the previous day.**

**How many small bugs did the big bug eat on ...**  
**the first day?** \_\_\_\_\_  
**the fourth day?** \_\_\_\_\_



**A huge frog ate 140 big bugs in 5 days. Each day, it ate 8 more bugs than it did on the previous day.**

**How many bugs did the frog eat on ...**  
**the first day?** \_\_\_\_\_  
**the fifth day?** \_\_\_\_\_



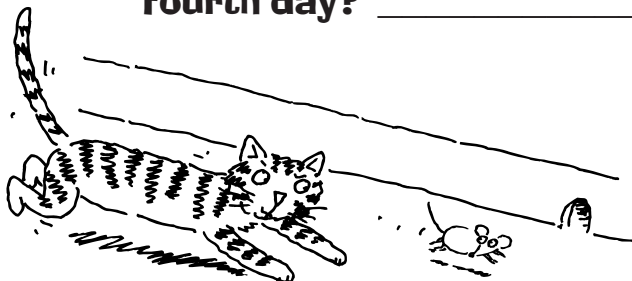
**A little bug ate 135 tiny flies in 5 days. Each day, it ate 10 more flies than it did on the previous day.**

**How many flies had the bug eaten ...**  
**after three days?** \_\_\_\_\_  
**after four days?** \_\_\_\_\_



**A cat pestered a mouse for the entire time the mouse lived in the basement: 6 days. Each day, it pestered the mouse 7 times more than it did the day before. In all, the cat annoyed the mouse 123 times.**

**How many times was the mouse pestered on the fourth day?** \_\_\_\_\_



**Page 52**

1. 6, 21; 2. 12, 44; 3. 51, 88; 4. 24