

NAME _____

DATE _____

PERIOD _____

**PRE-ALGEBRA
PROBLEM SOLVING WITH INTEGERS**

Write an equation for each problem before you solve it.

- 1. A helicopter started at 0 feet. At take off it rose 2100 feet. It then descended 600 feet because the pilot wanted to take a photograph. A flock of birds was approaching so the helicopter rose 3200 feet. After the approaching flock of birds passed, the helicopter descended 2600 feet. How high was the helicopter flying after the last descent?**
- 2. Cindy goes to school in a 7-story building. Her first class is on the first floor. She goes up 3 floors for her second class and down 2 floors for her third class. For her fourth class Cindy goes up 5 floors and for her final class Cindy goes down 1 floor. What floor is Cindy on during her final class?**
- 3. Some number added to -12 is 36. Add this number to -15. Then multiply this number by -2. What is the final number?**