

Clued in to Remainders

Detective D. Vision is a whiz at solving division problems with remainders! Use your own reasoning skills to solve the problems below. Show your work on another sheet of paper. Then write "A," "B," or "C" in the magnifying glass to show how you used the remainder.

- A. Drop the remainder.
- B. Use the remainder to round the quotient to the next greater whole number.
- C. Use the remainder as part of the answer.

1. The detective's file cabinet holds 275 hanging folders. Each folder holds 8 case files except one. How many files are in that folder? _____

2. The detective has 27 batteries for his flashlights. Each flashlight needs 5 batteries. How many flashlights can he use? _____

3. Detective D. Vision needs to return some phone calls. He needs 7 minutes for each call. He has 120 minutes before his next meeting. How many calls can he make? _____

4. The detective wants to divide 132 pairs of handcuffs among 8 officers so that each one has the same number. How many pairs of handcuffs should each officer receive? _____

5. The detective found 85 stolen jewels in 7 pouches. Each pouch held the same number of jewels except one. How many jewels were in that pouch? _____

6. The detective took 23 crime scene photos. In his case file, four photos can fit on each page. How many pages does he need for all the photos? _____

