Estimate the value for each situation. Write an explanation how you used estimation to arrive at your answer.

1. 4.2 as a percentage of 1100.
2. 460 as a percentage of 843.
3. 38% of 6230.
4. **Show two different ways to do the following problem:** A college with 4,567 students anticipates a 2.3% increase in enrollment. How many students will the college have?
5. You invest $1000 in a Certificate of Deposit that pays 3.6% interest each year. At the end of the year, the interest you earn is added back into the account. Calculate how much you have at the end of 3 years.

**Thinking Back**

Simplify.

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**Do the following problems from your textbook p. 169: #55, 59, 66, 68.**