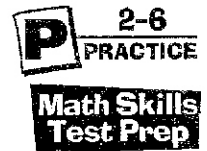


# Problem Solving: Reading for Math

## Estimate or exact answer



Choose the correct answer.

A girl scout camp can host 5 troops at a time. Each troop can bring 18 scouts. So, about 100 scouts can stay at the camp.

- Which of the following statements is true?
  - The camp can hold 18 troops at one time.
  - A total of 5 troops can stay at the camp at the same time.
  - Exactly 100 girls can stay at the camp.
  - Each troop can have 5 girls.
- When you find an exact answer to solve a problem, you
  - identify the actual numbers you need for the problem.
  - ignore all facts given in the problem.
  - round numbers to solve.
  - guess.

The Natural History Museum allows 8 busloads of children to visit the museum at once. Each bus carries 42 children. The museum estimates that 320 children will be visiting the museum.

- Which of the following statements is NOT true?
  - Each bus carries 42 children.
  - About 320 children will be in the museum at once.
  - The museum allows 8 busloads of children.
  - 300 students would be a better estimate of the total.
- You would NOT estimate the answer to a problem when
  - the numbers in the problem are rounded.
  - approximately* is used in the problem.
  - about* is used in the problem.
  - you need to know the exact answer.

Jefferson School District has 9 elementary schools. Each school has about 75 fifth graders. In order to have enough history books, the district estimates that it will need 720 textbooks for the fifth grade.

- Which of the following statements is true?
  - There are 75 students at each school.
  - The school district should have extra history textbooks.
  - There are 9 classes in each school.
  - There are exactly 720 fifth graders in the Jefferson School District.
- If the numbers in a problem appear to be rounded, you can
  - estimate the answer.
  - ignore the numbers in the problem.
  - find an exact answer.
  - check your answer.