Problem of the Week

Grade K

Name: _____ Class: _____

Jill went to the zoo. She saw 3 giraffes with four legs each. She saw 2 lions with four legs each. She saw 1 elephant with four legs. She saw _____ legs all together.

Here's how I know:

Grades 1-2

Name: _____ Class: _____

Sue is having a party. The doorbell rings and one friend is at the door. Each time the bell rings after that there are 2 friends at the door. There are 13 friends at Sue's party. How many times did the doorbell ring?

Here's how I know:

Grades 3-5

Name: _____ Class: _____

The 4th grade classes went to the park. Fewer than 50 students were there. When the teachers tried to make groups of 2, 3, 4 or 6 students, they always had 1 student left over. When they made groups of 7 students, no students were left over. How many students went to the park?

Here's how I know:

Solutions

Grades 1-2:

7

For 13 friends to be at the party: 1 + 2 + 2 + 2 + 2 + 2 + 2 = 13 would be 7 doorbell rings.

Grades 3-5:

49 students

The number must be odd and a multiple of 7. 21 and 35 do not yield a remainder of 1 for all of the groups of 2, 3, 4 and 6 students. 49 does.