

TWO WAY TABLE PRACTICE

Samantha gathered the following information on a given day at the dog park.

- There are 32 dogs playing at the dog park.
- 15 of the dogs are puppies.
- 11 of the dogs are not puppies and have long hair.
- There are 6 more dogs that have long hair than dogs that do not have long hair.

	Dogs That are Puppies	Dogs That are Not Puppies	Total
Dogs with Long Hair			
Dogs That Do Not Have Long Hair			
Total			

Fill in the table completely to represent Samantha's data.

There are a total of 500 students in grades 1 through 5 in an elementary school.

- 17% of the total number of students are in 1st grade.
- 19% of the total number of students are in 4th grade.
- The number of 3rd-grade students is 9 less than the number of 4th-grade students.
- The number of 2nd-grade students is 10 less than the number of 5th-grade students.

Complete the table to show the number of students in each grade. Enter your answers in the table.

Elementary School Students

Grade	Number of Students
1st	
2nd	
3rd	
4th	
5th	

1. The two way table shows the distribution of members of the audience at a play.

	Stalls	Circle	Balcony	Total
Adults	36	39		112
Children	41		31	
Total		60		

(a) Complete the two way table

(b) What percent of audience members are adults seated at the balcony?

5. **ALLOWANCE** The two-way table shows the number of students that do or do not do chores at home and whether they receive an allowance or not.

	Allowance	No Allowance
Do Chores	13	3
Do Not Do Chores	5	4

- (a) What percent of students do chores and get an allowance?
(b) What percent of students do not do chores and get no allowance?

Students	Graduates	Not graduates	Total
Boys	16	29	45
Girls	13	12	25
Total	16 + 13 or 29	29 + 12 or 41	70

1. Among students who graduated, what is the proportion of boys?

2. Among students who are non-graduates, what proportion are girls?