

TWO WAY TABLE PRACTICE

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

	Stalls	Circle	Balcony	Total
Adults	36	39	37	112
Children	41	21	31	93
Total	77	60	68	205

- (a) Complete the two way table $37/205=0.18=18\%$
- (b) Of audience members, what percent are adults seated at the balcony?
(PERCENTS REMINDER: $25\% = \frac{25}{100} = 0.25$, NOT 25.00)

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	16
Do Not Do Chores	5	4	9
	18	9	25

- (a) What percent of students are those who do chores and get an allowance?
 $13/25=0.52=52\%$
- (b) What percent of students are those who do not do chores and get no allowance?
 $4/25=16/100=16\%$

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	8	11	19
Dogs That Do Not Have Long Hair	7	6	13
Total	15	17	32

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. Subtract $(85+86+95)$ from 500, then divide by 2 and add or subtract 5 to get a difference of 10 between the two halves.

Elementary School Students

Grade	Number of Students
1st	$0.17 \times 500 = 85$
2nd	112
3rd	$95 - 9 = 86$
4th	$0.19 \times 500 = 95$
5th	122