Name: _____

Two-Way Tables

Fill in the missing values in each two-way table. Then answer the questions.

1.

	Has pet	No pet	Total
6th grade	11		
7th grade	12	19	
Total		46	69

What percent of all people are 6th grade and has pet?

_____

Of the 7th grade, what fraction are has pet?

_____

2.

	Has pet	No pet	Total
6th grade	39	31	
7th grade			50
Total		50	120

What percent of all people are 6th grade and has pet?

_____

Of the 7th grade, what fraction are has pet?

_____

3.

	Plays sport	No sport	Total
Boys			55
Girls	38		78
Total		66	133

What percent of all people are boys and plays sport?

_____

Of the girls, what fraction are plays sport?

_____

4.

	Plays sport	No sport	Total
Boys	39		
Girls			54
Total	67	34	101

What percent of all people are boys and plays sport?

_____

Of the girls, what fraction are plays sport?

_____

Name: **ANSWER KEY**

Two-Way Tables

Fill in the missing values in each two-way table. Then answer the questions.

1.

	Has pet	No pet	Total
6th grade	11	**27**	**38**
7th grade	12	19	**31**
Total	**23**	46	69

What percent of all people are 6th grade and has pet?

16%

Of the 7th grade, what fraction are has pet?

$\frac{12}{31}$

2.

	Has pet	No pet	Total
6th grade	39	31	**70**
7th grade	**31**	**19**	50
Total	**70**	50	120

What percent of all people are 6th grade and has pet?

32%

Of the 7th grade, what fraction are has pet?

$\frac{31}{50}$

3.

	Plays sport	No sport	Total
Boys	**29**	**26**	55
Girls	38	**40**	78
Total	**67**	66	133

What percent of all people are boys and plays sport?

22%

Of the girls, what fraction are plays sport?

$\frac{19}{39}$

4.

	Plays sport	No sport	Total
Boys	39	**8**	**47**
Girls	**28**	**26**	54
Total	67	34	101

What percent of all people are boys and plays sport?

39%

Of the girls, what fraction are plays sport?

$\frac{14}{27}$