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3. total of females surveyed: 73; total of males surveyed: 59

4. total of “no” participants: 52; total of “yes” participants: 80

5. 51

6. 30

7. 71 students are juniors; 75 students are seniors; 93 students are attending the school play; 53 students are not attending the school play.

8. 78 people have limited cell phone texting plans; 190 people have unlimited cell phone texting plans; 253 people have limited cell phone minutes; 15 people have unlimited cell phone minutes.

9. a. 19; 42

b. number of students surveyed: 72 6th-graders, 74 7th-graders, 65 8th-graders; 112 students chose grades, 40 students chose popularity, 59 students chose sports.

c. about 8.5%

10. a.

		Age			Total
		20–29	30–39	40–49	
Saved at Least \$1000	Yes	14	27	25	66
	No	36	33	15	84
Total		50	60	40	150

b.

		Age		
		20–29	30–39	40–49
Saved at Least \$1000	Yes	28%	45%	62.5%
	No	72%	55%	37.5%

c. Yes, the table shows that as age increases, people are more likely to have at least \$1000 in savings.

(continued)

11. a.

		Eye Color			
		Green	Blue	Brown	Total
Gender	Male	5	16	27	48
	Female	3	19	18	40
Total		8	35	45	88

- b. 48 males were surveyed.
 40 females were surveyed.
 8 students have green eyes.
 35 students have blue eyes.
 45 students have brown eyes.

c.

		Eye Color		
		Green	Blue	Brown
Gender	Male	63%	46%	60%
	Female	38%	54%	40%

Sample answer: About 63% of the students with green eyes are male. 40% of the students with brown eyes are female.

12.

		Eye Color		
		Green	Blue	Brown
Gender	Male	10.4%	33.3%	56.3%
	Female	7.5%	47.5%	45%

Sample answers: About 10.4% of the males surveyed have green eyes. 7.5% of the females surveyed have green eyes.

13. 40 female students + the 5 male students who have green eyes = 45 out of the 88 students, which is about **51.1%**.
 43 of the male students do not have green eyes, which is about **48.9%**.
 The sum of those two percentages is 100%, which is because all of the students are either female, male with green eyes, or male with blue or brown eyes.