

DRAWING INFERENCES FROM SAMPLES

The results of a survey of 200 of the 4,000 college students on campus are shown in the table below. Use the data sample to answer the questions about the campus. Then, find the answer and color it the corresponding color.

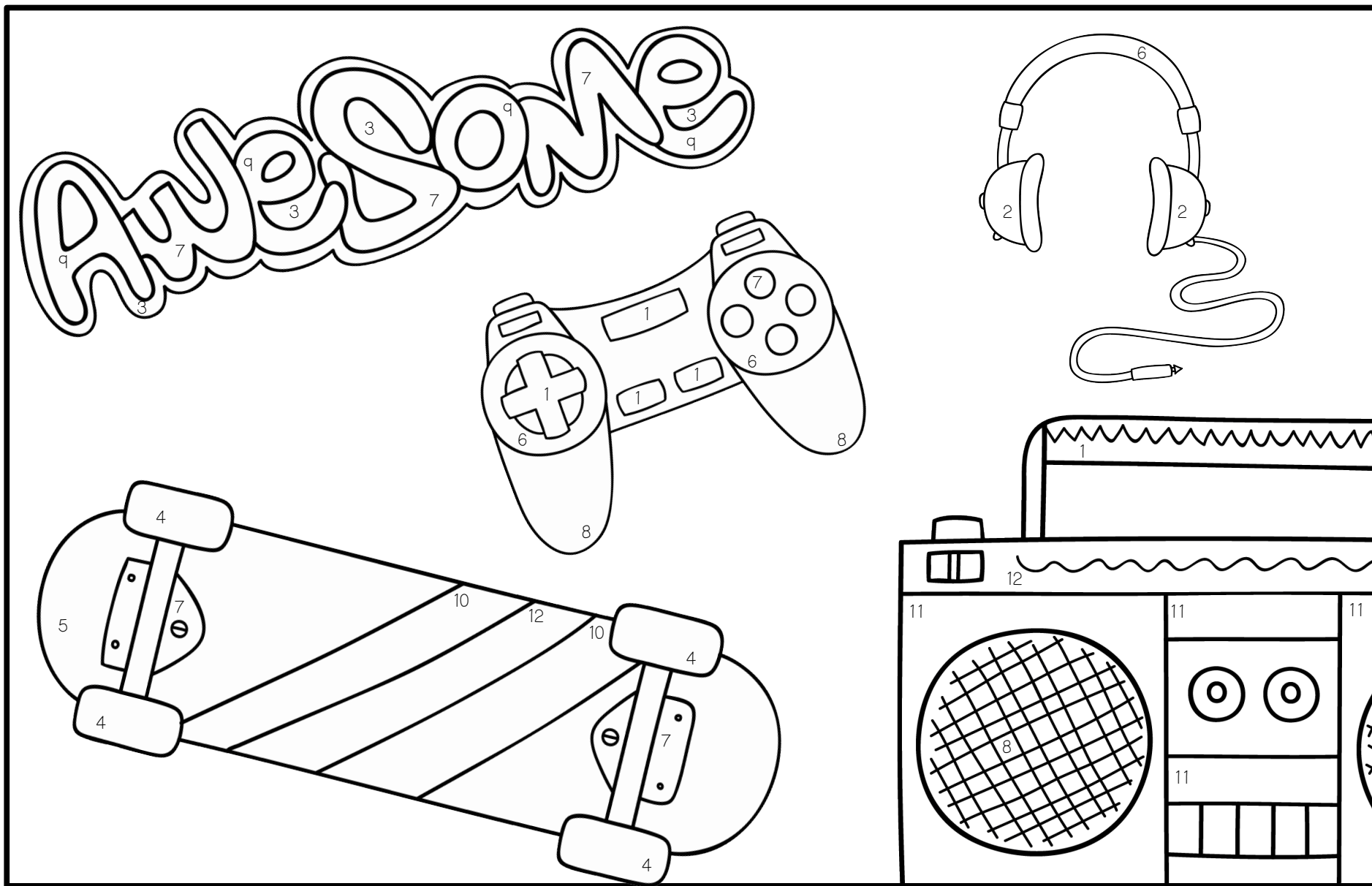
QUESTION	YES	NO
1. Are you satisfied with the dining options?	88	112
2. Are you satisfied with the housing options?	154	46
3. Did you purchase books for your classes?	196	4
4. Do you own a laptop computer?	120	80
5. Do you utilize the campus buses?	75	125
6. Do you attend campus sporting events?	135	65
7. Are you pleased with your college experience?	140	60

1 Approximately how many students do not attend campus sporting events?	2 Approximately what percentage of the sample was dissatisfied with the housing options?	3 A headline misreported that 95% of students purchased books for class. By how many percentage points was the headline off?	4 Approximately what percent of the population rides the campus buses?
5 The college reports that 80% of students are pleased with their experience. By how many percentage points is the report incorrect?	6 Approximately, how many students attend the campus sporting event?	7 Approximately what percent of the population does not own a laptop computer?	8 Approximately how many students were satisfied with the dining options?
9 Approximately how many students did not purchase books for their classes?	10 The housing office prides itself in their 75% satisfactory response. By how many percentage points are they off?	11 Approximately how many students do not ride the campus buses?	12 Approximately how many students own a laptop on campus?

RED	YELLOW	BLUE	LIGHT GREEN	ORANGE	PURPLE
80 37.5%	1,760 23%	1,300 40%	2% 2,500	10% 3%	2,700 2,400

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Solve each problem, then color the corresponding number.



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1 Approximately how many students do not attend campus sporting events? 1,300	2 Approximately what percentage of the sample was dissatisfied with the housing options? 23%	3 A headline misreported that 95% of students purchased books for class. By how many percentage points was the headline off? 3%	4 Approximately what percent of the population rides the campus buses? 37.5%
5 The college reports that 80% of students are pleased with their experience. By how many percentage points is the report incorrect? 10%	6 Approximately, how many students attend the campus sporting event? 2,700	7 Approximately what percent of the population does not own a laptop computer? 40%	8 Approximately how many students were satisfied with the dining options? 1,760
9 Approximately how many students did not purchase books for their classes? 80	10 The housing office prides itself in their 75% satisfactory response. By how many percentage points are they off? 2%	11 Approximately how many students do not ride the campus buses? 2,500	12 Approximately how many students own a laptop on campus? 2,400

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