

Recycling Results Answer Key

Calculations

Grade	Class Totals	Average Bags Collected
6th Grade	25, 27, 26, 25, 27, 24	25.7
7th Grade	30, 32, 28, 29, 31, 30, 28	29.7
8th Grade	29, 31, 33, 34, 35, 36, 32	32.9

Multiple-Choice Answers

- Which grade recycled the most on average?
Answer: 8th Grade
- Which grade recycled the least on average?
Answer: 6th Grade
- About how many more bags did the top grade recycle than the lowest grade?
Answer: 7 bags ($32.9 - 25.7 \approx 7$)
- How many classes total took part in this recycling challenge?
Answer: 20 classes
- What kind of chart best compares total or average values between groups?
Answer: Bar chart

