Choose a scale, and the question data answers

Grade 3 · Graphs & Data

Answer key The answers are filled in.

1 Cora wants to find out how most kids at Cora's school get to school. Which data should Cora collect?

Check one:

- [ ] Ask the three kids who sit at Cora's table.
- [x] Ask each kid at the school, "How do you get to school?"
- [ ] Count the cars in the parking lot.

2 Faye will make a bar graph of the cans each class collected. The cans: Room A 40, Room B 10, Room C 30, Room D 25. The graph has 10 lines up the side. Which scale fits the data best?

Check one:

- [x] count by 5s
- [ ] count by 50s
- [ ] count by 1s

3 Ava wants to find out what color Ava's class should make its new banner. Which data should Ava collect?

Check one:

- [ ] Count the markers in the art box.
- [ ] Ask the first kid in line which color is best.
- [x] Ask each kid in Ava's class to vote for one color.

4 Zoe will make a bar graph of the shells a beach club found each day. The shells: Monday 40, Tuesday 90, Wednesday 50, Thursday 60. The graph has 10 lines up the side. Which scale fits the data best?

Check one:

- [ ] count by 2s
- [ ] count by 100s
- [x] count by 10s

5 Mia will make a bar graph of the cans each class collected. The cans: Room A 10, Room B 50, Room C 20, Room D 35. The graph has 10 lines up the side. Which scale fits the data best?

Check one:

- [ ] count by 50s
- [x] count by 5s
- [ ] count by 1s

6 Eli will make a bar graph of the votes the whole school cast for a new recess game. The votes: chess 45, checkers 15, dominoes 25, puzzles 20. The graph has 10 lines up the side. Which scale fits the data best?

Check one:

- [ ] count by 50s
- [x] count by 5s
- [ ] count by 1s