

Name _____

Festival Counts Answer Key

Best scale: B. Each interval = 5 tickets.

Number axis, bottom to top: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50.

- Games: Bar reaches 40.
- Crafts: Bar reaches 25.
- Music: Bar reaches 50.
- Food: Bar reaches 35.
- Prizes: Bar reaches 45.

Teacher's Guide

- Ask students to compare the three scale choices with the largest value, 50, before selecting a scale.
- Discuss why counting by 5s displays all five values clearly without requiring too many intervals.
- For extra support, have students skip-count by 5s to 50 before labeling the number axis.
- For a challenge, ask students to explain why a scale of 1 or 25 is less useful for this data set.
- Increase engagement by having students predict which fair activity will produce the tallest bar before graphing.
- Extend the activity by changing one value and asking whether a scale of 5 would still be appropriate.