

Name _____

Library Mystery Answer Key

1. 35
2. $42 - 35 = 7$
3. 7 books
4. Sports bar: The student draws a bar up to 7.

Teacher's Guide

- Have students read the total and identify the five visible values before calculating.
- Reinforce that the six category values together must equal 42.
- For extra support, let students add the five known values in smaller groups before finding the missing amount.
- For a challenge, cover the calculation prompts and ask students to determine independently how to find the missing value.
- Increase engagement by presenting the missing bar as a mystery that can be solved only by using the graph total.
- Extend the activity by changing the total to 45 and asking what the new Sports bar would show.