

# ANSWERS

## BAR MODELS

**Instructions:** For each problem, draw a bar model to represent the division. Then, solve the problem by determining how many groups or parts can be made. Write your answer in the space provided.

- a) A baker made 54 cookies and wants to put them into boxes of 6 cookies each. How many boxes can he fill?



Solution:  $\frac{54 \text{ cookies}}{6 \text{ cookies per box}} = 9 \text{ boxes}$

Answers: **He can fill 9 boxes.**

- b) There are 40 books on a shelf. If they are arranged equally into 8 stacks, how many books will each stack have?



Solution:  $\frac{40 \text{ books}}{8 \text{ stacks}} = 5 \text{ books per stack}$

Answers: **Each stack will have 5 books.**

- c) There are 16 oranges. When sold, they are placed in bags of 2. How many bags can be made with 16 oranges?



Solution:  $\frac{16 \text{ oranges}}{2 \text{ oranges per bag}} = 8 \text{ bags}$

Answers: **8 bags can be made with 16 oranges.**

How Did You Do? 