

NAME \_\_\_\_\_

DATE \_\_\_\_\_



## Share & Share Alike

**1** Solve each problem below. Show your work using numbers, labeled sketches, or words.

**a** Carmen has four cookies. Her friend Elisa joins her. Carmen shares her cookies evenly with her friend. How many cookies does each girl each get?

**b** Carmen and Elisa are about to eat the cookies when Sam and Michael join them. Carmen and Elisa share the cookies evenly with Sam and Michael. How many cookies does each person get?

**c** The group is about to eat their cookies when four more friends join them. Carmen collects the cookies and divides them evenly between all eight people. How many cookies does each person get?

**d** The cookies are eaten by the eight people. Imagine, though, that eight more people joined the group before they ate the cookies, and they all shared the cookies evenly. How much would each person have been given?

**2** Fill in the blank for each equation below.

**a**  $20 \times 35 = 2 \times \underline{\hspace{2cm}}$

**b**  $10 \times \underline{\hspace{2cm}} = 10 \times 5 \times 3$

**c**  $\underline{\hspace{2cm}} \times 30 = 9 \times 100$