Date

Name

15 - 4

## **Homework Practice**

Problem-Solving Strategy

## Solve. Use the work backward strategy.

- Olivia is packing for vacation. Her large suitcase will fit 36 items of clothing and her small suitcase will fit 18 items of clothing. If she wants to bring 60 items of clothing, how many will she have to leave behind?
- **3.** It's 2 P.M. and Marvin needs to finish reading a 150-page book before returning it to the library at 5 P.M. He has already read 90 pages of the book. How many pages an hour does he have to read to return the book on time?
- 2. Gavin is saving up to buy a new bicycle. The one he wants costs \$125. His mother is giving him \$50, but he will have to earn the rest by mowing lawns for \$5 each. How many lawns will he have to mow before he can buy the bicycle?

3MR1.2 3NS2.1

**4.** Francesca is a flower girl in a wedding. She has to drop rose petals on the ground with every other step she takes down the aisle. If it will take her 18 steps to make it down the aisle and her basket holds 360 rose petals, about how many petals can she drop each time?

## Divide. Use models if needed. (Lesson 15-3)

**5.** 87 ÷ 3 \_\_\_\_\_

**6.** 72 ÷ 6 \_\_\_\_\_

## **Complete each table.**

<b>Q</b>			
0.	Rule: Divide by 4		
	Input	Output	
		21	
	88		
	92	23	
	96		

- **7.** 86 ÷ 2 \_\_\_\_\_

10.	Rule: Divide by 7		
	Input	Output	
	-	8	
	70		
	84		
	98	14	