

Chapter 14

Name _____ Date _____

Review/Assessment

NCTM Standards 1, 2, 6, 7, 8, 9, 10

1 Complete the puzzle. [Lessons 1, 2, 3, and 4](#)

Words	Pictures	Shorthand	A	B	C	D
Think of a number.	⌘	x	5			
Multiply by 2.	⌘⌘					
Multiply by 2 again.	⌘⌘⌘⌘	$4x$			24	
Add 6.	⌘⌘⌘⌘⋮					
Subtract the number you thought of first.	⌘⌘⌘⋮					33
Divide by 3.	⌘⋮	$x + 2$				
Add 8.	⌘⋮⋮⋮			20		
Subtract the number you thought of first.	⋮⋮⋮					

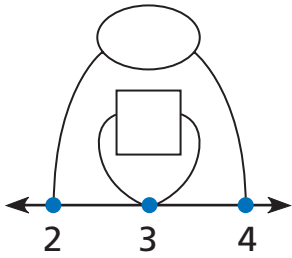
2 What was each person's original number? [Lessons 1, 2, and 7](#)

Words		Jason	Sami	Joel	Rachel
Think of a number.	⌘				
	⌘⌘⋮⋮	12	24	30	38

3 Computer Mart sold 147 printers for \$147 each.
Printers Plus sold 146 printers for \$148 each.
Which store made the most money in printer sales?
Explain how you know. [Lesson 5](#)

Complete the diagrams and number sentences. **Lesson 5**

4



$$3 \times 3 = \square$$

$$2 \times 4 = \bigcirc$$

5

$$9 \times 9 = \square$$

$$8 \times 10 = \bigcirc$$

6

$$\square \times \square = 2,401$$

$$48 \times 50 = \bigcirc$$

7 Draw a picture to show that $(4 \cdot 4) - 1 = (4 + 1) \cdot (4 - 1)$ **Lesson 6**

8 Finish this puzzle so that no matter what number someone chooses, the final number will always be 2. **Lessons 4 and 7**

Think of a number.	x			
Double it.	$2x$			
Add 20.	$2x + 20$			
Subtract the number you thought of first.	$x + 20$			
		2	2	2