Name.

Comparing Numbers, Temperatures, and Weig**hts** Numbers on a Thermometer

restigatio



Chapter 1 1

Howdoes the air feel inside?

Take a look outside. Howdo you think the air feels outside?

STEP 2 Observing

Look at the numbers on a thermometer. What pattern do you see?

STEP 3 Comparing

Is the temperature outside warmer than, cooler than, or about the same as the temperature inside?

How would the thermometer change if you brought it to a place that is cooler?



School-Home Connection

Dear Family,

Today we started Chapter II of *Think Math!* In this chapter, I wil learn to compare numbers, temperatures, and weights. I will learn to read a thermometer and to use a balance scale. There are NOTES on the Lesson Activity Book pages to explain what I am learning every day.

Here are some activities for us to do together at home. These activities will help me learn to compare and order numbers and to compare weights of objects.

Love,

Family Fun

Larger and Smaller

Work with your child to identify numbers that are larger and smaller than a given number.

- Write a one- or two-digit number on a piece of paper. Display the number and have your child read it aloud.
- To the left of your number, have your child write a number that is smaller. To the right of your number, have your child write a number that is larger. Invite your child to explain how he or she chose the numbers.

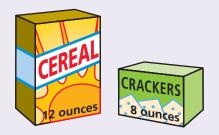
22 30 31

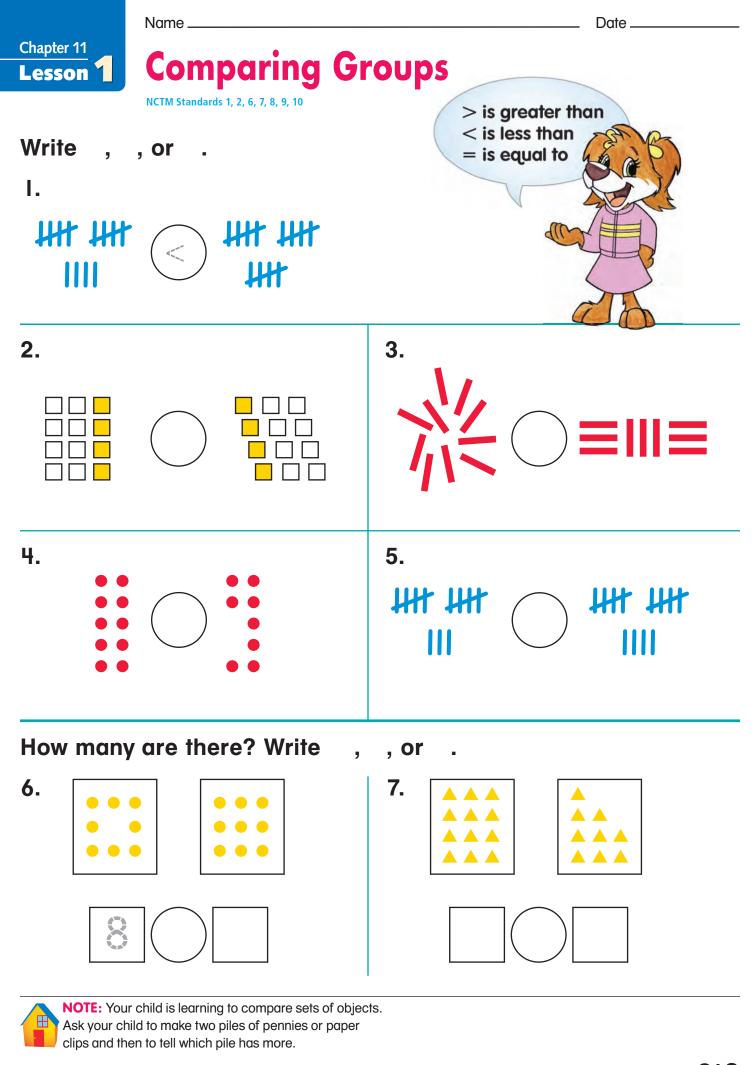
Repeat for other one- and two-digit numbers.

Heavy and Light

Work with your child to compare the weights of packaged household products.

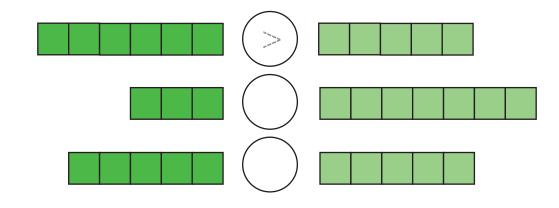
- Have your child choose two packaged foods from your kitchen and feel the weight of each package.
- Ask your child to guess which package is heavier.
- Then point out the weights of the packages. Have your child tell which weight is greater. Then ask whether his or her guess was correct.





71 71 71 CCXIII two hundred thirteen 213

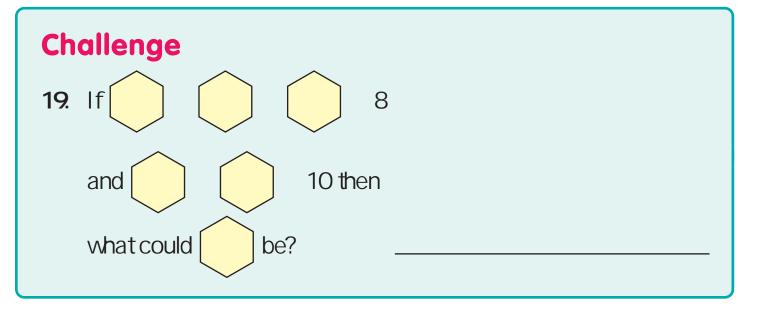
8. Write , , or .



9. How can you use numbers and symbols to compare the strips in Problem 8?

What is missing?

10. 3 4	11 . 12	12 3 5 1 5
13 . 13 13	14. 9 7	15. 7 4 4 7
16 . 7	17 . 10	18 2 8 2 5



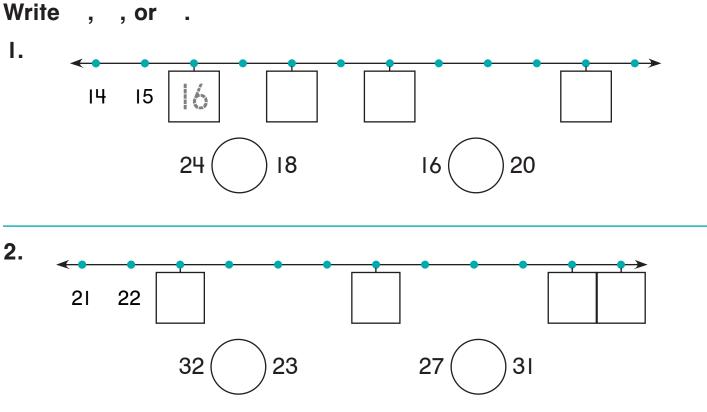
Name_

Chapter 11 Lesson 2

Comparing Numbers and Temperatures

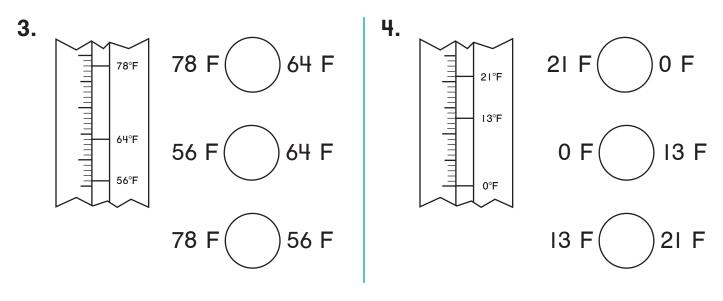
NCTM Standards 1, 2, 4, 6, 7, 8, 9, 10

What numbers are missing?



Write or

.

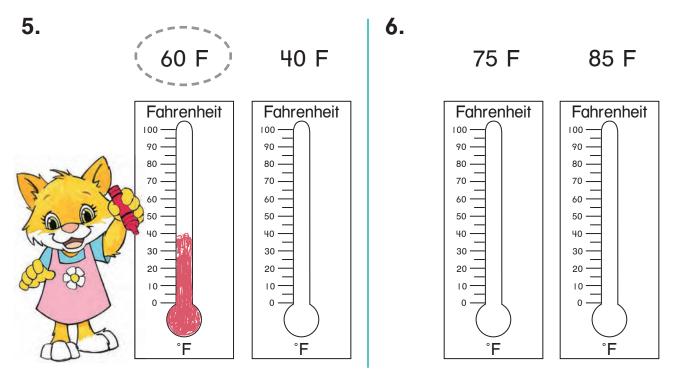


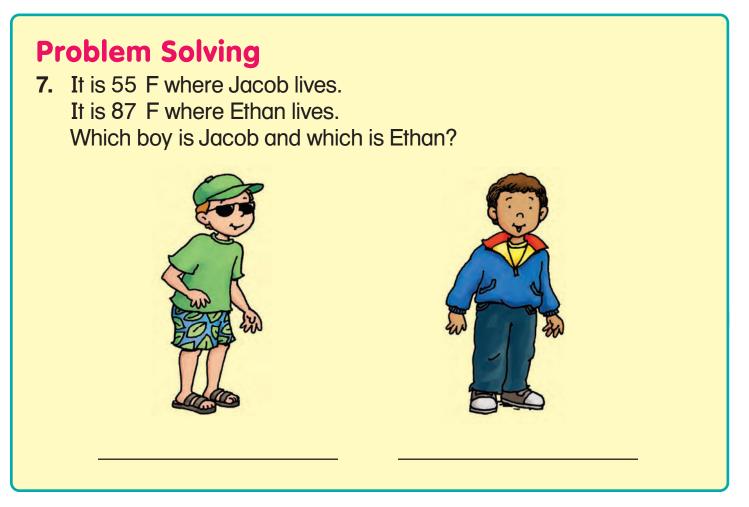
43

© Education Development Center, Inc.

NOTE: Your child is comparing numbers on a number line and on a thermometer. Ask your child to explain how he or she chose which symbol to write in the problems on this page.

Color to show each temperature. Circle the hotter temperature.





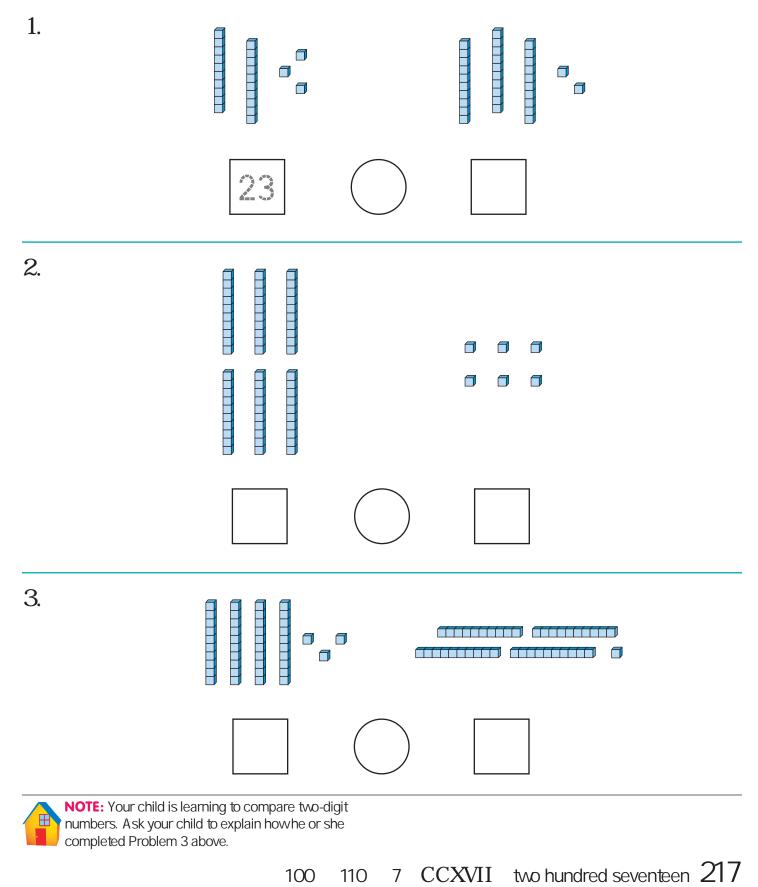
Ν	ar	ne	_

Chapter 11

Using Place Value to Compare Numbers

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

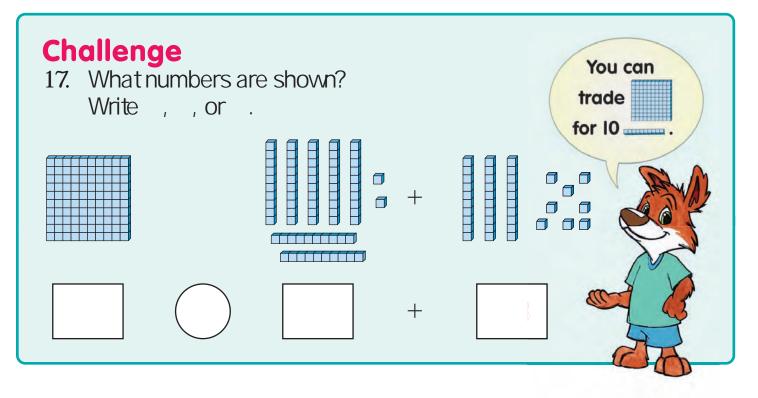
What numbers are shown? Write , , or



4. Drawa picture to showeach number.
Write , or .
24
16

Write , , or .

5. 63 > 36	6. 45 45	7. 18 81
8. 28 82	9. 93 39	10. 68 68
11. 8 21	12. 79 79	13. 19 7
14. 25 29	15. 51 38	16. 32 6



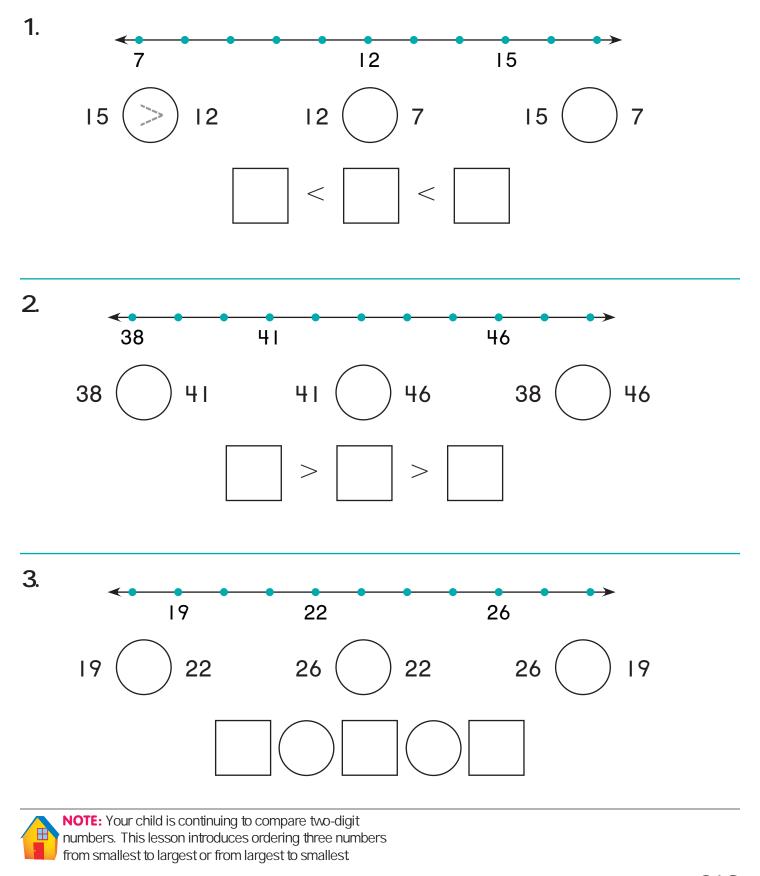
218 two hundred eighteen CCXVIII 109 109

Name	_
------	---

Chapter 11 Lesson 4

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

Compare and order the numbers. Write the missing symbols and numbers.



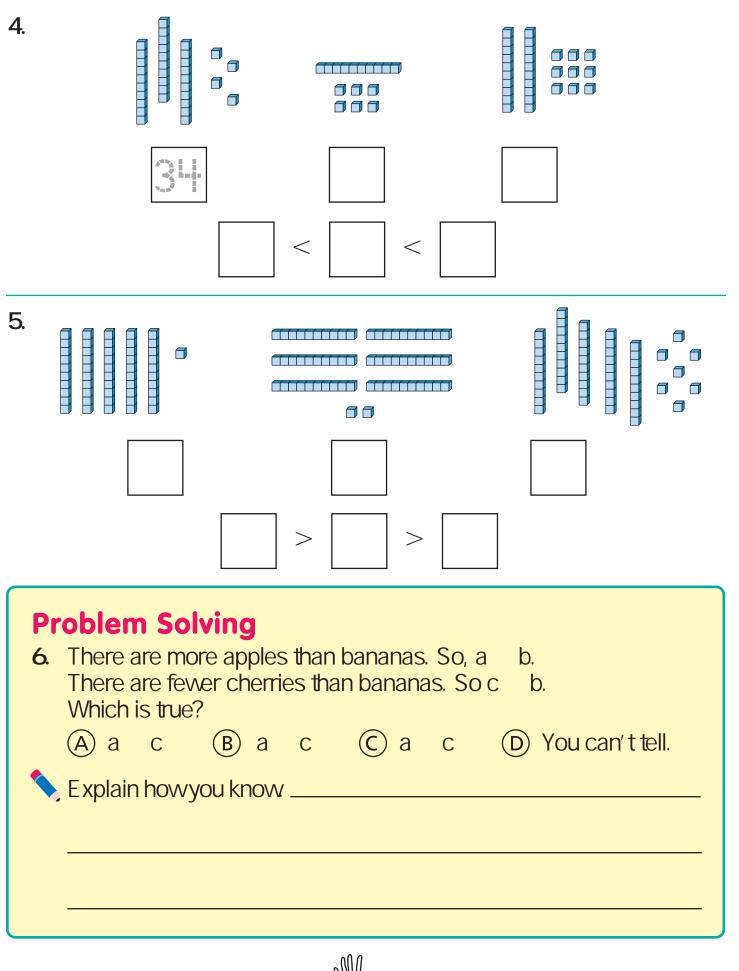
73

73

73

CCXIX two hundred nineteen 219

Write the numbers. Then order the numbers.



44

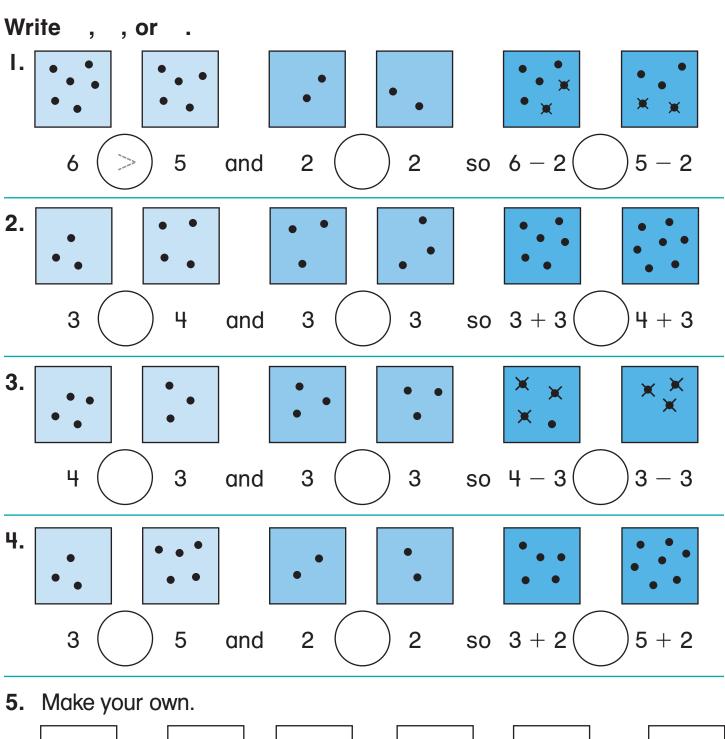
220 two hundred twenty CCXX

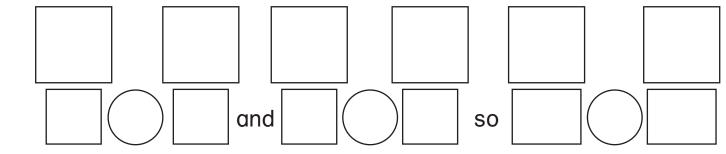


Chapter 11



Date _





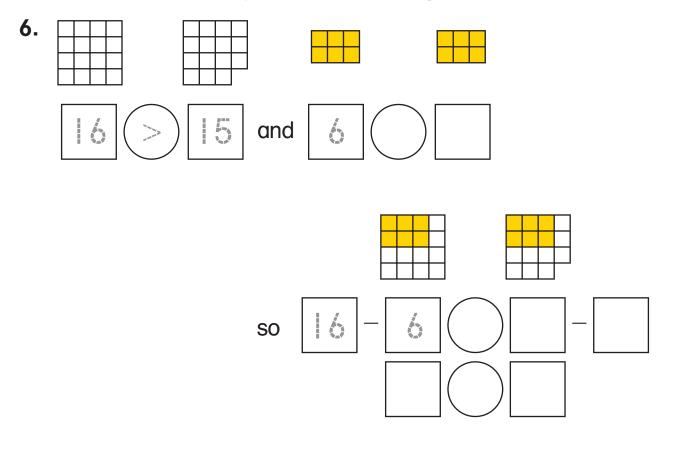
NOTE: Your child is learning what happens when the same number is either added to or subtracted from both sides of a number sentence.

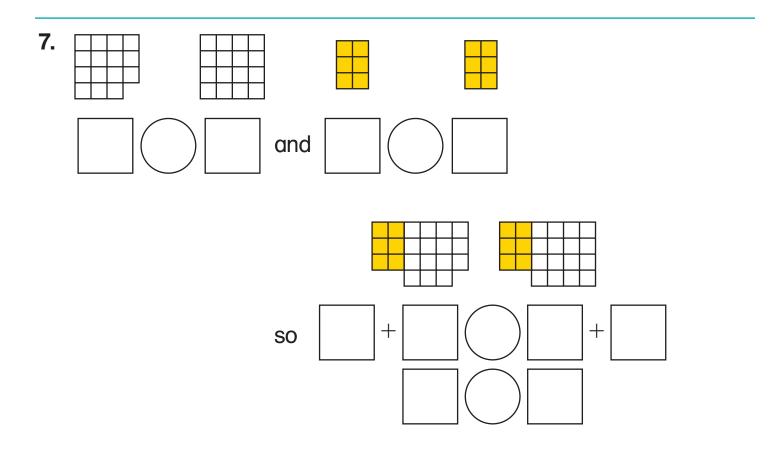
100

 \blacksquare

110 11 CCXXI two hundred twenty-one 221

What are the missing numbers and symbols?







Date

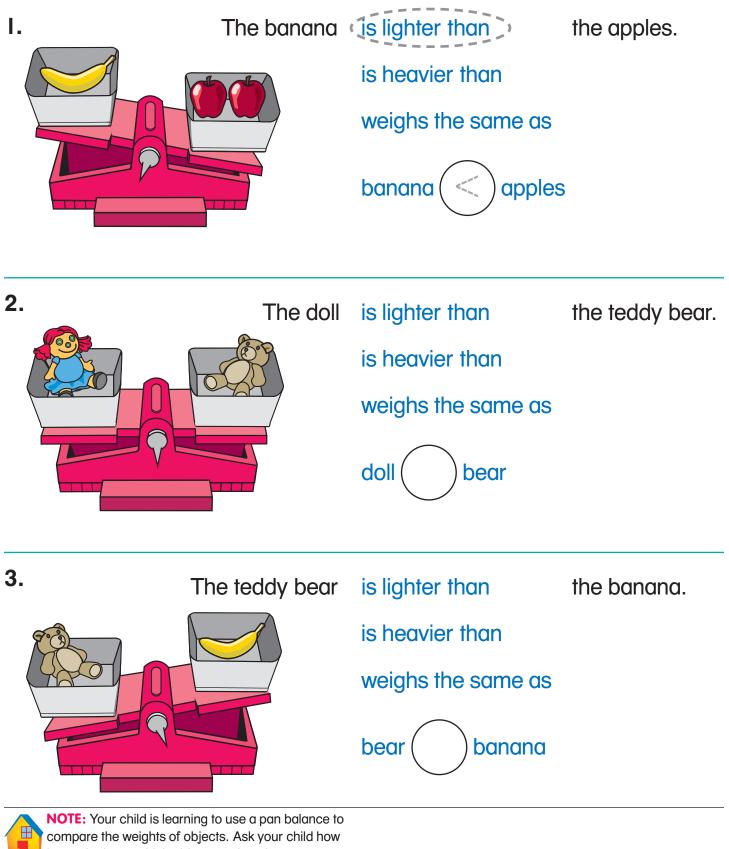


Which words make the sentence true?

Write , , or

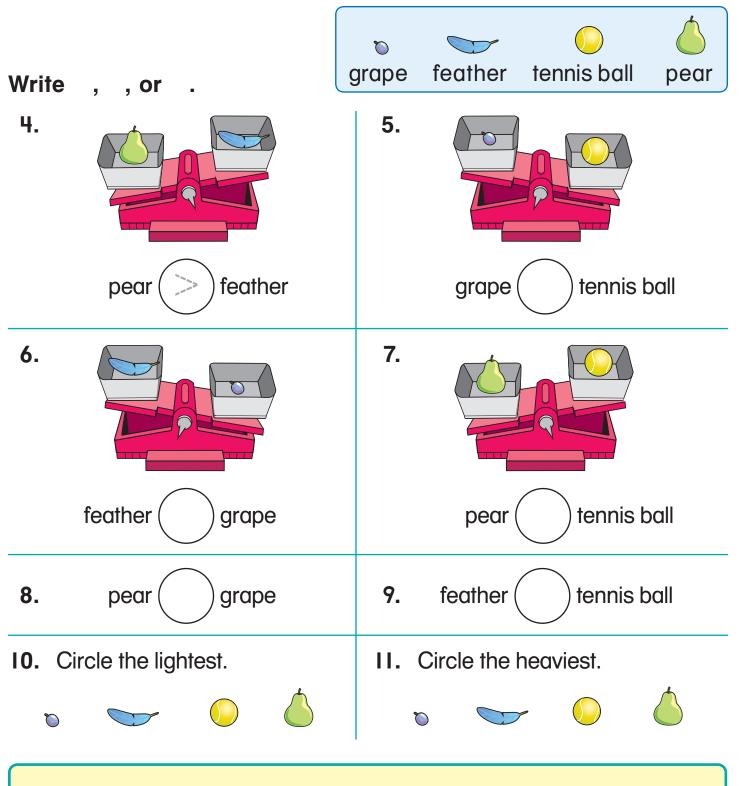
Chapter 11

Lesson



he or she knew which object was heavier.

two hundred twenty-three 223



Problem Solving

I2. Mari has three boxes.Box A is heavier than Box B.Box C is lighter than Box B.List the boxes in order from lightest to heaviest.

© Education Development Center, Inc.

Name_

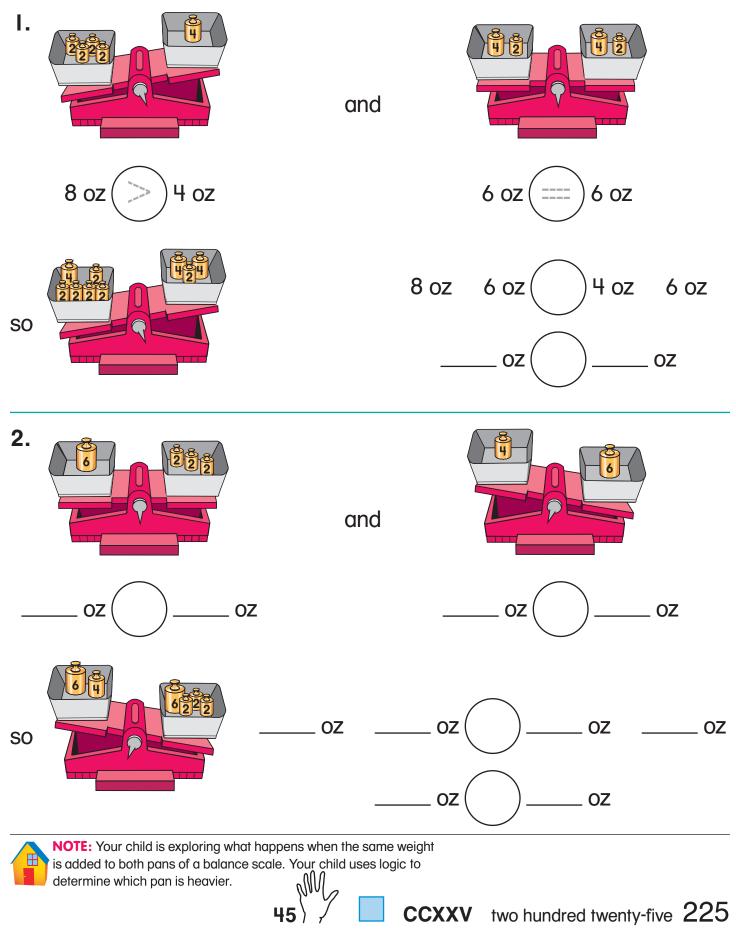
Chapter 11

© Education Development Center, Inc.

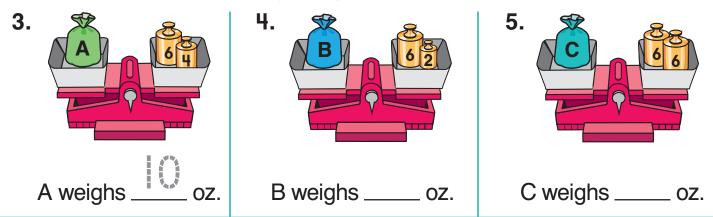
Changing Both Pans of a Balance

NCTM Standards 1, 2, 4, 6, 7, 8, 9, 10

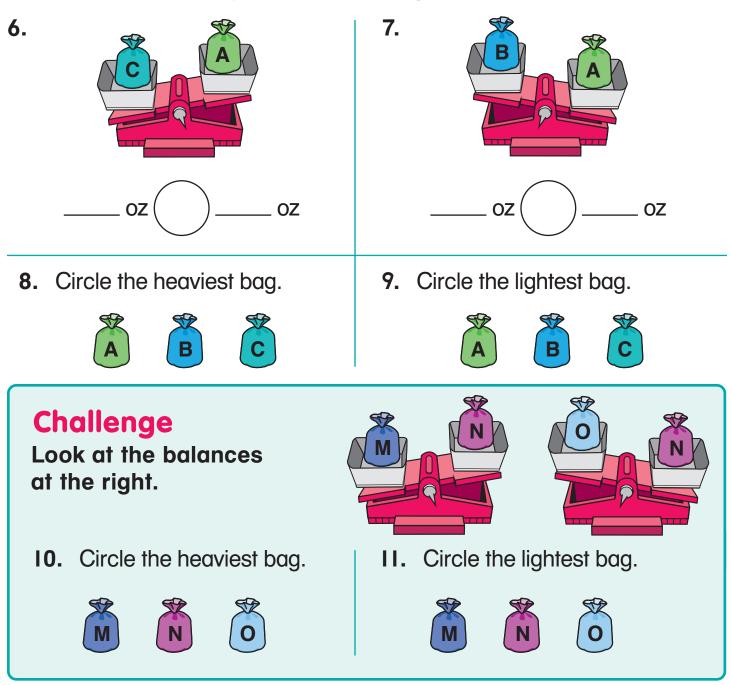
What are the missing symbols and numbers?



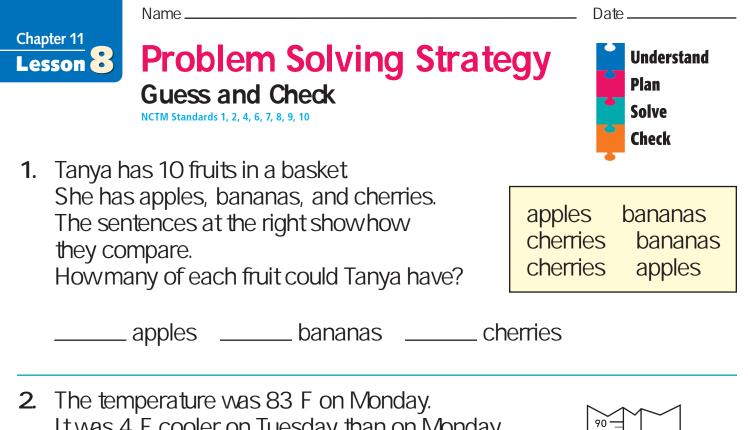
How much does each bag weigh?



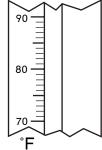
Use the weights above. What are the missing numbers and symbols?



© Education Development Center, Inc.

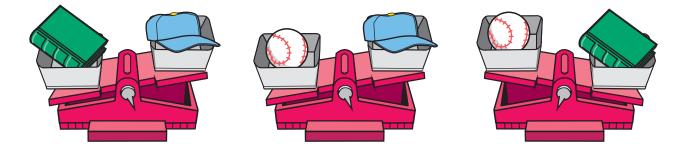


2. The temperature was as F on Nonday. It was 4 F cooler on Tuesday than on Monday. It was warmer on Wednesday than Tuesday. What could the temperature have been on Wednesday?



_____ F

3. Theo used pan balances to compare how much his book, cap, and ball weigh.



List the objects in order from lightest to heaviest

NOTE: Your child is using the strategy, *guess and check*, to solve problems. Ask your child to explain how he or she solved the problems on this page.

100

Problem Solving Test Prep

I. Scott left the library at 5:30. He spent 2 hours there. What time did Scott get to the library?

(A) 2:30 (C) 7:00

(B) 3:30 (D) 7:30

2. Tina made a pattern.
What are the next two figures in her pattern?
(A) (C) (D) (D) (D) (D)

Show What You Know

- 3. Madison lines up 4 blocks.
 - The red block is left of the green block.
 - The yellow block is right of the blue block.
 - The green block is left of the blue block.

List the blocks in order from left to right.

Explain how you know your answer is correct.

4. Jenny has 4 cards to decorate. She wants to put 4 stickers on each card. She has 14 stickers. Does Jenny have enough stickers?

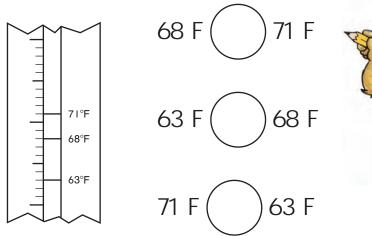
Use words, numbers, or pictures to explain how you know.



Review/Assessment

1. Write Or . Lesson 2

Chapter 11

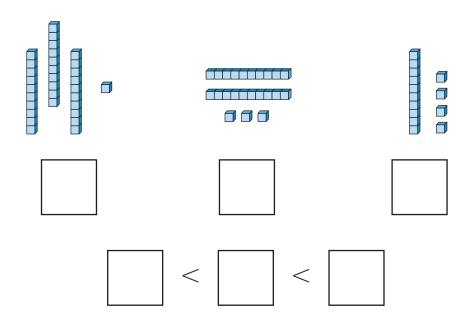




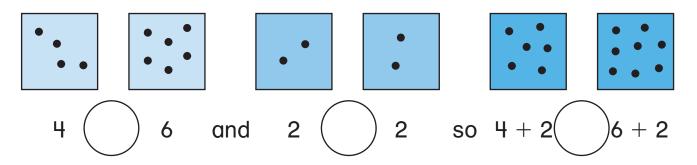
Write , , Or . Lessons 1 and 3

2. 9 12	3. 18 22	4. 37 37
5. 52 39	6. 46 39	7. 15 51

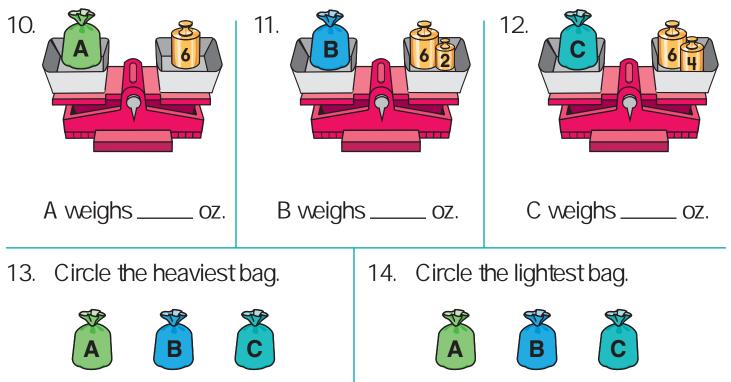
8. Write the numbers. Then order the numbers. Lesson 4



9. Write , , or . Lesson 5



How much does each bag weigh? Lessons 6 and 7



Problem Solving Lesson 8

15. Dan has 7 pets. He has dogs, cats, and fish. The sentences tell how they compare. dogs cats cats fish fish dogs
How many of each pet could he have?
_____dogs _____cats _____fish

© Education Development Center, Inc.

230 two hundred thirty CCXXX 46