

Relation Symbols



Family Note The relation symbols $<$ and $>$ were introduced in this lesson. The symbol $<$ means *is less than*, and the symbol $>$ means *is more than*. These symbols will be used in the same way we use the symbol $=$ for *is equal to* or *equals*. For example, instead of writing *5 is less than 8*, we will write $5 < 8$.

It takes time for children to learn the correct use of these symbols. One way to help your child identify the correct symbol is to draw two dots near the larger number and one dot near the smaller number. Then connect the dots as shown below.

$$5 < 8$$

Another way is to think of the open end of the symbol as a mouth eating the larger number.

$$5 \text{  8$$

Write $<$, $>$, or $=$.

Example:

$$18 > 12$$

$<$ is less than
 $>$ is more than
 $=$ is the same as
 $=$ is equal to

1. 11 _____ 7 2. 21 _____ 25 3. 37 _____ 37
 4. 29 _____ 42 5. 35 _____ 15 6. 48 _____ 128

Practice

7. Write some even numbers below.

8. Write some odd numbers below.

14. $20 + 15$ _____ $30 + 25$ 15. 67 _____ $53 + 14$
 16. $40 + 12$ _____ $30 + 11$ 17. 90 _____ $30 + 15$
 18. 37 _____ $17 + 20$ 19. 77 _____ $40 + 45$

Write $<$, $>$, or $=$.

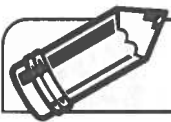
Try This

11. _____ $<$ _____
 12. _____ $>$ _____
 13. _____ $=$ _____

Make your own.

1. $164 >$ _____
 2. _____ < 105
 3. $76 =$ _____
 4. $132 <$ _____
 5. _____ < 97
 6. $116 >$ _____
 7. _____ > 127
 8. _____ $= 85$
 9. $146 >$ _____
 10. $100 >$ _____

Write numbers that make these number sentences true.



Completing Number Models

5•3
LESSON

Date _____

Name _____

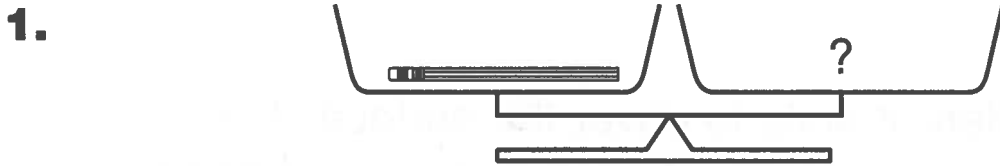
LESSON
5•4

Explore with the Pan Balance

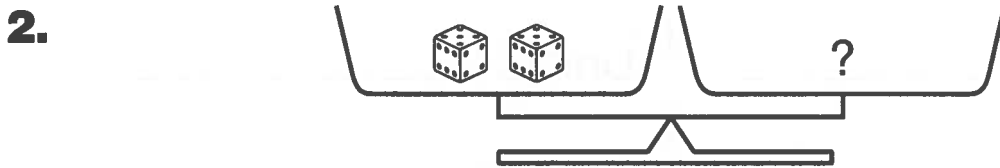


- Materials**
- a pan balance
 - sets of objects, such as pennies, base-10 cubes, pattern blocks, paper clips, new pencils, or dice

Place objects in the pans to make them balance.



1 pencil _____ pennies



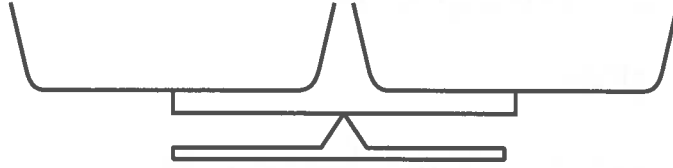
2 dice _____ cubes

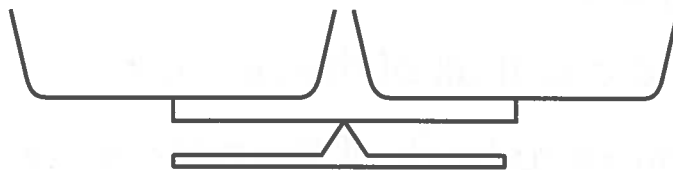


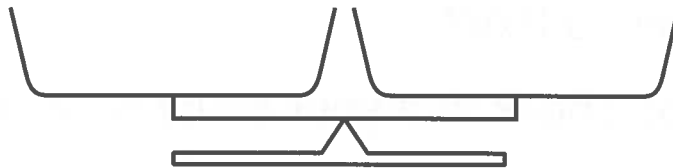
3 pattern blocks _____ paper clips

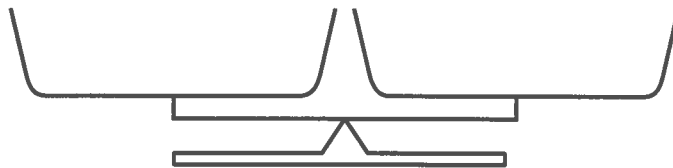
LESSON
5•4**Explore with the Pan Balance** *continued*

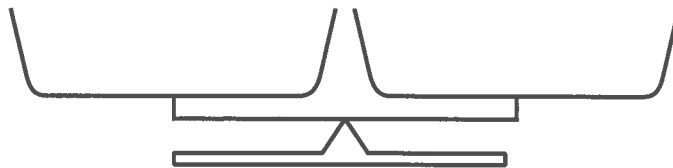
Choose your own objects.

4.

5.

6.

7.

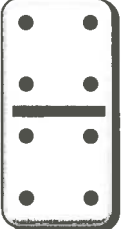
8.


HOME LINK
5•5**Domino Addition**


Family Note Children continue practicing basic addition facts. Notice that we are emphasizing +0, +1, and double facts like 6 + 6.


Please return this Home Link to school tomorrow.


Add.


1.  $\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$

2.  $\begin{array}{r} 0 \\ + 6 \\ \hline \end{array}$


3. 
 $\underline{\quad} = 2 + 1$


4. 
 $1 + 5 = \underline{\quad}$


5. 
 $3 + 3 = \underline{\quad}$

6. 
 $\underline{\quad} = 0 + 9$

Fill in the missing dots and the missing numbers.

7.  $\begin{array}{r} 4 \\ + 0 \\ \hline \end{array}$

8.  $\begin{array}{r} 8 \\ + \quad \\ \hline 16 \end{array}$

9. 
 $5 + \underline{\quad} = 10$

Practice

10. Circle the ones place.

44

31

17

69