

Welcome!



On behalf of Splash! Publications, we would like to welcome you to *Missing Minuends to 18*, one of six lessons in our *Leveled Math: Subtraction Book 2 Unit*. This lesson was designed by Splash! Publication's newest author and veteran teacher, Rachel MacDonald. Rachel has been teaching primary students for more than 30 years! She created this leveled Math lesson with you and your students in mind.

The Format

Our goal is a lesson that you can use immediately. No Math problems to create or games to design. Simply make copies of the lesson for your students and start teaching.

Leveled Math

A leveled Math program helps you differentiate instruction to meet the needs of students on all three tiers of the RTI (Response to Intervention) model.

Level 1 is the easiest and should be assigned to students who are new to the concept or need more manipulative work. Level 2 is a bit more difficult. Depending on your grade level and the ability of your students, Level 2 will most likely be assigned to the majority of your class. Level 3 adds more problems for your most capable students. A game follows each leveled concept, providing students on all three levels additional practice.

Note: Answers to the leveled Math practices are at the end of the lesson.

Our Other Leveled Math: Subtraction Book 2 Lessons

Missing Subtrahends to 10, Missing Subtrahends to 18, Missing Minuends to 10, Missing Minuends to 18, Balanced Equations, and Fact Families.

Name _____

Find the missing minuends. Remember, a **minuend** is the top number of a subtraction problem or first number in a subtraction number sentence. Use the baseball mat and baseballs on the next few pages to help you.



$$\begin{array}{r} \square \\ - 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 9 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \square \\ - 8 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \square \\ - 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \square \\ - 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 8 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \square \\ - 8 \\ \hline 9 \end{array}$$

$$\square - 9 = 3$$

$$\square - 9 = 6$$

$$\square - 4 = 9$$

$$\square - 7 = 8$$

$$\square - 8 = 5$$

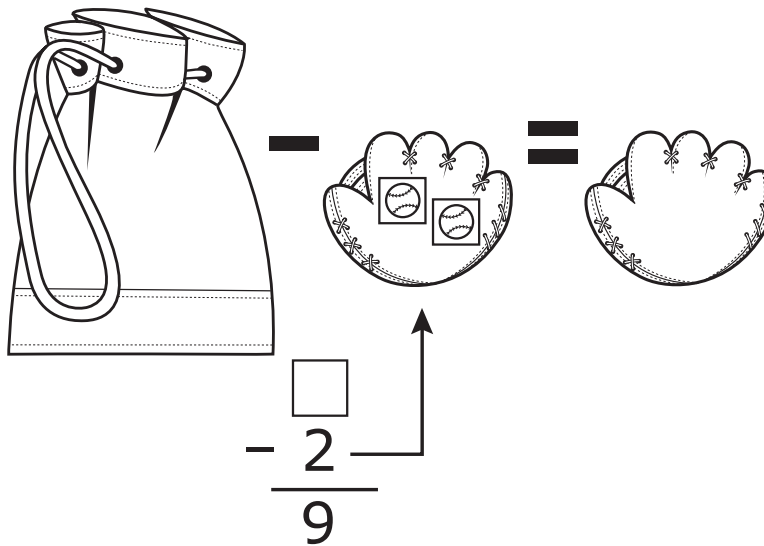
$$\square - 2 = 9$$

Baseball Mat

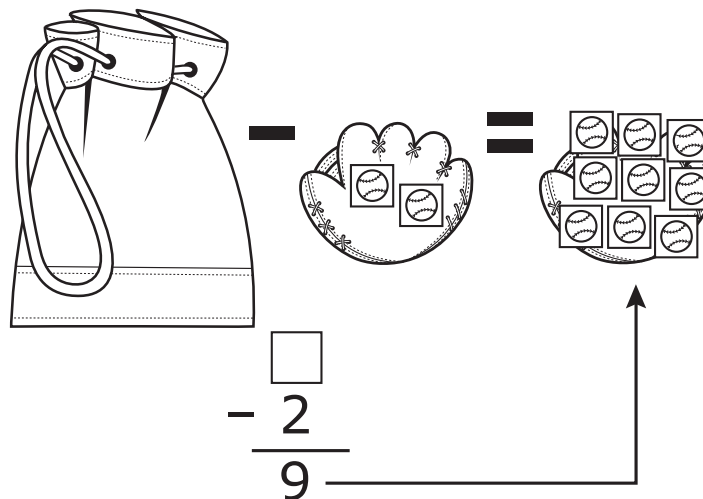


1. Cut out the baseballs on the bottom of the next page.

Count out the number of baseballs you need for the subtrahend (bottom number). Put these baseballs in the first baseball glove.



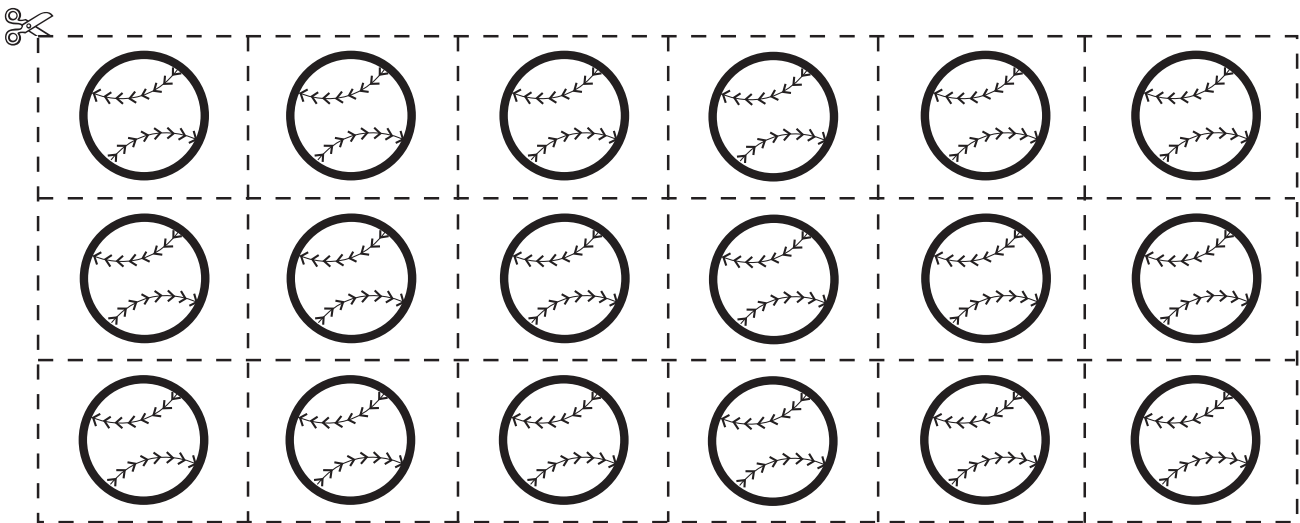
2. Count out the number of baseballs you need for the difference (answer). Put these baseballs in the second baseball glove.



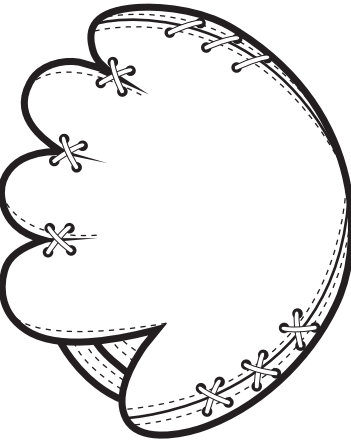
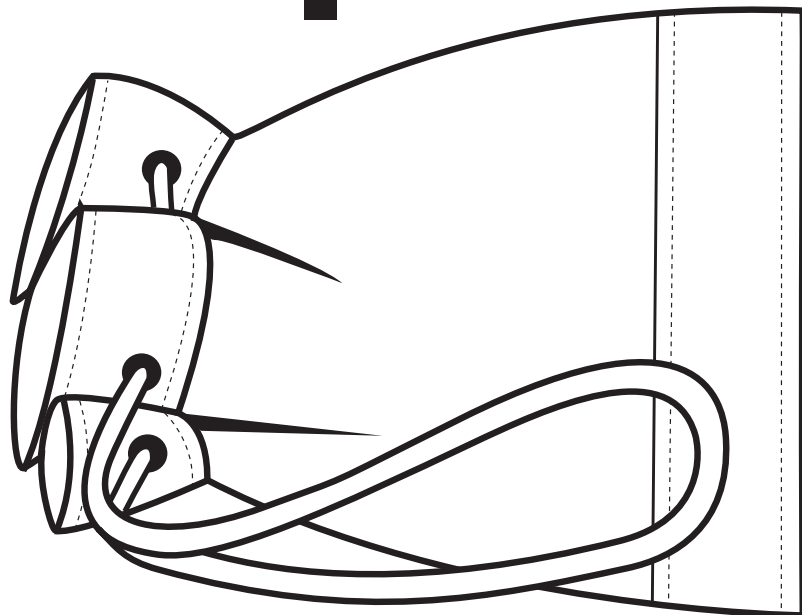
3. Gather all of the baseballs from the two baseball gloves and put them in bag.

Count the baseballs in the bag and write this number in the empty box on your Missing Minuends worksheet.

11

$$\begin{array}{r} 11 \\ - 2 \\ \hline 9 \end{array}$$


Baseball Mat



Name _____

Find the missing minuends. Try adding the numbers you already know to find the missing minuends.

$$\begin{array}{r} \square \\ - 6 \\ \hline 9 \end{array}$$

Think: $6 + 9 = \square$

$$\begin{array}{r} \square \\ - 9 \\ \hline 7 \end{array}$$

Think: $9 + 7 = \square$

$$\begin{array}{r} \square \\ - 5 \\ \hline 7 \end{array}$$

Think: $5 + 7 = \square$

$$\begin{array}{r} \square \\ - 8 \\ \hline 6 \end{array}$$

Think: $8 + 6 = \square$

$$\begin{array}{r} \square \\ - 9 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \square \\ - 8 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \square \\ - 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \square \\ - 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 9 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \square \\ - 10 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \square \\ - 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \square \\ - 7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \square \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \square \\ - 8 \\ \hline 3 \end{array}$$

$$\square - 9 = 4$$

$$\square - 10 = 5$$

$$\square - 6 = 9$$

$$\square - 7 = 8$$

$$\square - 9 = 9$$

$$\square - 6 = 7$$

Name _____

Find the missing minuends. Adding the numbers you already know will help you find the missing minuends.

$$\begin{array}{r} \square \\ - 4 \\ \hline 7 \end{array}$$

Think: $4 + 7 = \square$

$$\begin{array}{r} \square \\ - 7 \\ \hline 6 \end{array}$$

Think: $7 + 6 = \square$

$$\begin{array}{r} \square \\ - 6 \\ \hline 8 \end{array}$$

Think: $6 + 8 = \square$

$$\begin{array}{r} \square \\ - 9 \\ \hline 3 \end{array}$$

Think: $9 + 3 = \square$

$$\begin{array}{r} \square \\ - 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} \square \\ - 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 0 \\ \hline 14 \end{array}$$

$$\begin{array}{r} \square \\ - 0 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \square \\ - 7 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \square \\ - 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \square \\ - 11 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \square \\ - 8 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \square \\ - 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 9 \\ \hline 1 \end{array}$$

$$\begin{array}{r} \square \\ - 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \square \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \square \\ - 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \square \\ - 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \square \\ - 9 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \square \\ - 3 \\ \hline 5 \end{array}$$

$$\square - 5 = 6$$

$$\square - 5 = 8$$

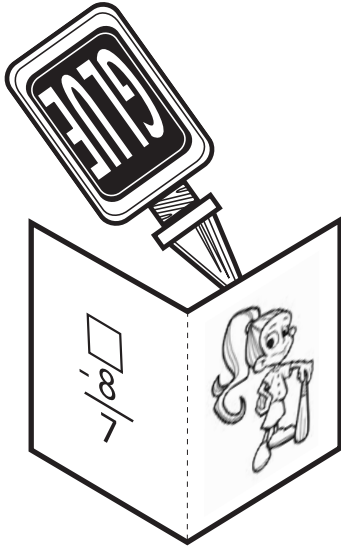
$$\square - 3 = 7$$

$$\square - 8 = 8$$

Bingo!

2⁵ 5⁴ 3⁹ 0⁸ 6¹ 7⁴ 4³ 2⁸ 3⁷ 5² 9⁰ 8³ 7⁴ 1⁹ 5⁷ 1⁸ 0¹ 5⁰ 3⁹ 9⁷ 5²

Make the Game:



Cut out the 36 cards with the subtraction problems on them. (Cut on the solid black lines.)

Color the girl on each card.

Fold each card along the dotted line so the girl is on one side and the subtraction problem is on the other side.

Glue the blank sides together.

While the glue is drying, each player cuts out one Bingo card and 12 baseballs. Players will use the baseballs to cover the numbers on their Bingo cards.

Play the Game:

This game is for 2-3 players.

Mix up the cards. Put them in a pile with the picture of the girl facing up.

Bingo Card				
⊘	⊘	⊘	⊘	⊘
12	⊘	13	⊘	18
14	⊘	⊘	16	9
8	⊘	15	6	18
⊘	⊘	8	17	14

Take turns turning over one card at a time.

If the missing minuend is on your Bingo card, you may cover that space with one of your baseballs. Cover only **one** space on each turn.

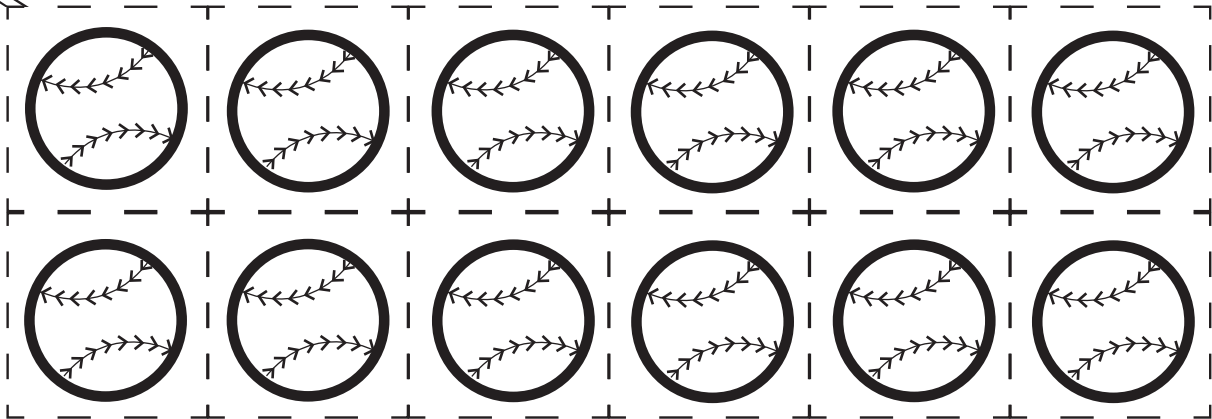
The winner is the player who covers all spaces in a single row or from corner to corner.

Mix up the cards and play again.



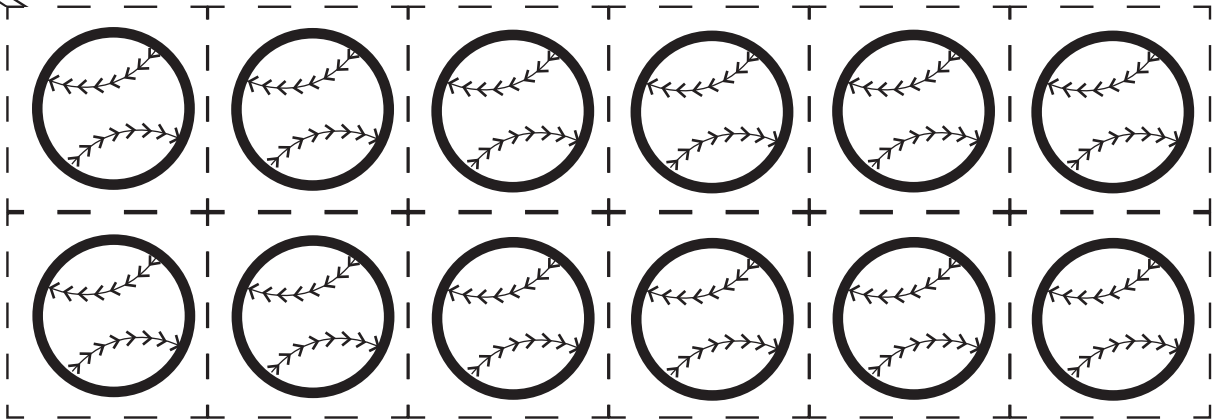
Bingo Card

5	10	8	9	10
12	13	13	6	18
14	9	15	16	9
8	17	15	6	18
12	14	8	17	14





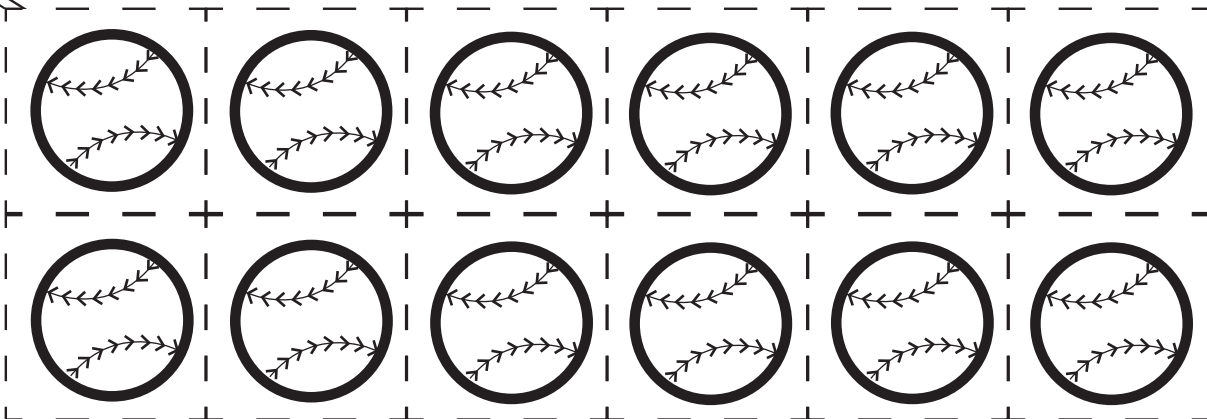
Bingo Card				
8	18	9	6	17
16	12	13	5	18
17	8	15	13	9
6	16	14	9	10
12	15	8	18	12





Bingo Card

6	17	8	5	18
13	14	15	9	17
16	6	14	12	8
9	18	18	9	10
16	12	8	15	10



Bingo Answer Sheet

5

$$5 - 5 = 0$$

6

$$6 - 2 = 4$$

$$6 - 3 = 3$$

8

$$8 - 4 = 4$$

$$8 - 6 = 2$$

$$8 - 8 = 0$$

9

$$9 - 1 = 8$$

$$9 - 4 = 5$$

$$9 - 5 = 4$$

10

$$10 - 3 = 7$$

$$10 - 4 = 6$$

$$10 - 5 = 5$$

12

$$12 - 5 = 7$$

$$12 - 6 = 6$$

$$12 - 9 = 3$$

$$12 - 11 = 1$$

13

$$13 - 5 = 8$$

$$13 - 7 = 6$$

$$13 - 10 = 3$$

14

$$14 - 2 = 12$$

$$14 - 3 = 11$$

$$14 - 6 = 8$$

$$14 - 10 = 4$$

15

$$15 - 5 = 10$$

$$15 - 6 = 9$$

$$15 - 8 = 7$$

16

$$16 - 5 = 11$$

$$16 - 6 = 10$$

$$16 - 12 = 4$$

17

$$17 - 7 = 10$$

$$17 - 9 = 8$$

$$17 - 13 = 4$$

18

$$18 - 6 = 12$$

$$18 - 8 = 10$$

$$18 - 9 = 9$$

$$18 - 15 = 3$$





$$\square - \frac{8}{7}$$



$$\square - \frac{6}{2}$$



$$\square - \frac{5}{7}$$



$$\square - \frac{11}{1}$$



$$\square - \frac{5}{0}$$



$$\square - \frac{4}{6}$$



$$\square - \frac{6}{9}$$



$$\square - \frac{2}{4}$$



$$\square - \frac{5}{11}$$



$$\square - \frac{10}{4}$$



$$\square - \frac{9}{8}$$



$$\square - \frac{7}{10}$$



$$\square - \frac{3}{7}$$



$$\square - \frac{5}{4}$$



$$\square - \frac{6}{12}$$



$$\square - \frac{12}{4}$$



$$\square - \frac{8}{0}$$



$$\square - \frac{3}{11}$$



$$\square - \frac{5}{8}$$



$$\square - \frac{4}{5}$$



$$\square - \frac{2}{12}$$



$$\square - \frac{10}{3}$$



$$\square - \frac{7}{6}$$



$$\square - \frac{5}{10}$$



$$\square - \frac{1}{8}$$



$$\square - \frac{4}{4}$$



$$\square - \frac{9}{9}$$



$$\square - \frac{13}{4}$$



$$\square - \frac{5}{5}$$



$$\square - \frac{6}{10}$$



$$\square - \frac{6}{8}$$



$$\square - \frac{3}{3}$$



$$\square - \frac{8}{10}$$



$$\square - \frac{15}{3}$$



$$\square - \frac{6}{6}$$



$$\square - \frac{9}{3}$$


Answers

254987619432872908374957180159392
 8730617452375406382316240639752

Missing Minuend to 18, Level 1

Name _____

Find the missing minuends. Remember, a **minuend** is the top number of a subtraction problem or first number in a subtraction number sentence. Use the baseball mat and baseballs on the next few pages to help you.



$\begin{array}{r} \boxed{18} \\ - 9 \\ \hline 9 \end{array}$	$\begin{array}{r} \boxed{16} \\ - 9 \\ \hline 7 \end{array}$	$\begin{array}{r} \boxed{12} \\ - 8 \\ \hline 4 \end{array}$	
$\begin{array}{r} \boxed{13} \\ - 5 \\ \hline 8 \end{array}$	$\begin{array}{r} \boxed{12} \\ - 3 \\ \hline 9 \end{array}$	$\begin{array}{r} \boxed{11} \\ - 8 \\ \hline 3 \end{array}$	$\begin{array}{r} \boxed{17} \\ - 8 \\ \hline 9 \end{array}$
$\boxed{12} - 9 = 3$	$\boxed{15} - 9 = 6$		
$\boxed{13} - 4 = 9$	$\boxed{15} - 7 = 8$		
$\boxed{13} - 8 = 5$	$\boxed{11} - 2 = 9$		

Missing Minuend to 18, Level 2

Name _____

Find the missing minuends. Try adding the numbers you already know to find the missing minuends.

$\begin{array}{r} \boxed{15} \\ - 6 \\ \hline 9 \end{array}$ Think: $6 + 9 = \square$	$\begin{array}{r} \boxed{16} \\ - 9 \\ \hline 7 \end{array}$ Think: $9 + 7 = \square$	$\begin{array}{r} \boxed{12} \\ - 5 \\ \hline 7 \end{array}$ Think: $5 + 7 = \square$	$\begin{array}{r} \boxed{14} \\ - 8 \\ \hline 6 \end{array}$ Think: $8 + 6 = \square$	
$\begin{array}{r} \boxed{17} \\ - 9 \\ \hline 8 \end{array}$	$\begin{array}{r} \boxed{12} \\ - 8 \\ \hline 4 \end{array}$	$\begin{array}{r} \boxed{13} \\ - 5 \\ \hline 8 \end{array}$	$\begin{array}{r} \boxed{13} \\ - 4 \\ \hline 9 \end{array}$	$\begin{array}{r} \boxed{14} \\ - 9 \\ \hline 5 \end{array}$
$\begin{array}{r} \boxed{14} \\ - 10 \\ \hline 4 \end{array}$	$\begin{array}{r} \boxed{10} \\ - 3 \\ \hline 7 \end{array}$	$\begin{array}{r} \boxed{12} \\ - 7 \\ \hline 5 \end{array}$	$\begin{array}{r} \boxed{6} \\ - 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \boxed{11} \\ - 8 \\ \hline 3 \end{array}$
$\boxed{13} - 9 = 4$			$\boxed{15} - 10 = 5$	
$\boxed{15} - 6 = 9$			$\boxed{15} - 7 = 8$	
$\boxed{18} - 9 = 9$			$\boxed{13} - 6 = 7$	

Missing Minuend to 18, Level 3

Name _____

Find the missing minuends. Adding the numbers you already know will help you find the missing minuends.

$\begin{array}{r} \boxed{11} \\ - 4 \\ \hline 7 \end{array}$ Think: $4 + 7 = \square$	$\begin{array}{r} \boxed{13} \\ - 7 \\ \hline 6 \end{array}$ Think: $7 + 6 = \square$	$\begin{array}{r} \boxed{14} \\ - 6 \\ \hline 8 \end{array}$ Think: $6 + 8 = \square$	$\begin{array}{r} \boxed{12} \\ - 9 \\ \hline 3 \end{array}$ Think: $9 + 3 = \square$		
$\begin{array}{r} \boxed{15} \\ - 6 \\ \hline 9 \end{array}$	$\begin{array}{r} \boxed{14} \\ - 2 \\ \hline 12 \end{array}$	$\begin{array}{r} \boxed{12} \\ - 3 \\ \hline 9 \end{array}$	$\begin{array}{r} \boxed{14} \\ - 0 \\ \hline 14 \end{array}$	$\begin{array}{r} \boxed{8} \\ - 0 \\ \hline 8 \end{array}$	$\begin{array}{r} \boxed{10} \\ - 7 \\ \hline 3 \end{array}$
$\begin{array}{r} \boxed{10} \\ - 4 \\ \hline 6 \end{array}$	$\begin{array}{r} \boxed{15} \\ - 11 \\ \hline 4 \end{array}$	$\begin{array}{r} \boxed{13} \\ - 8 \\ \hline 5 \end{array}$	$\begin{array}{r} \boxed{16} \\ - 7 \\ \hline 9 \end{array}$	$\begin{array}{r} \boxed{10} \\ - 9 \\ \hline 1 \end{array}$	$\begin{array}{r} \boxed{14} \\ - 5 \\ \hline 9 \end{array}$
$\begin{array}{r} \boxed{12} \\ - 7 \\ \hline 5 \end{array}$	$\begin{array}{r} \boxed{7} \\ - 3 \\ \hline 4 \end{array}$	$\begin{array}{r} \boxed{18} \\ - 9 \\ \hline 9 \end{array}$	$\begin{array}{r} \boxed{16} \\ - 6 \\ \hline 10 \end{array}$	$\begin{array}{r} \boxed{17} \\ - 9 \\ \hline 8 \end{array}$	$\begin{array}{r} \boxed{8} \\ - 3 \\ \hline 5 \end{array}$
$\boxed{11} - 5 = 6$			$\boxed{13} - 5 = 8$		
$\boxed{10} - 3 = 7$			$\boxed{16} - 8 = 8$		