

Name Answer KeyDate Mod. 2

Read the math story. Make a simple math drawing with labels. Circle 10 and solve.

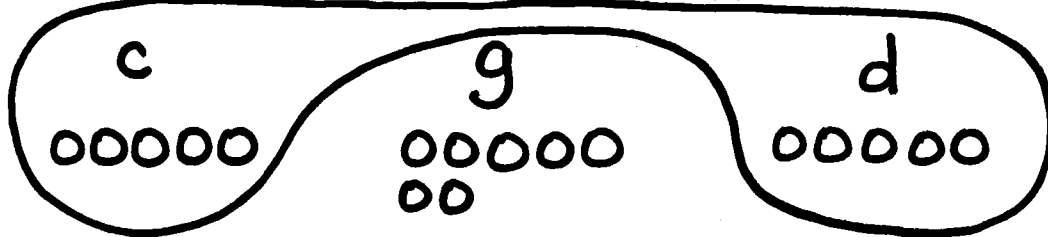
1. Chris bought some treats. He bought 5 granola bars, 6 boxes of raisins, and 4 cookies. How many treats did Chris buy?



$$\begin{array}{r} 5 + (6 + 4) = 15 \\ \hline 10 + 5 = 15 \end{array}$$

Chris bought 15 treats.

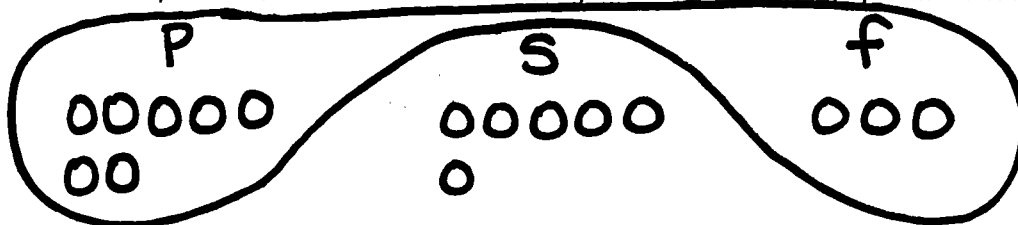
2. Cindy has 5 cats, 7 goldfish, and 5 dogs. How many pets does she have in all?



$$\begin{array}{r} (5 + 7) + 5 = 17 \\ \hline 10 + 7 = 17 \end{array}$$

Cindy has 17 pets.

3. Mary gets stickers at school for good work. She got 7 puffy stickers, 6 smelly stickers, and 3 flat stickers. How many stickers did Mary get at school altogether?



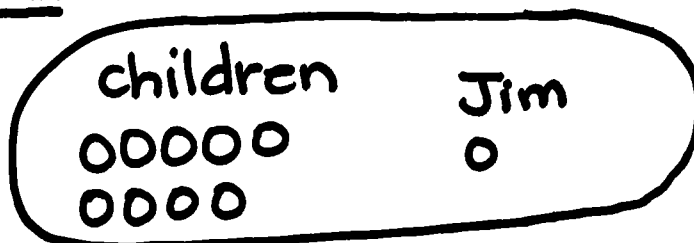
$$\underline{7} + \underline{6} + \underline{3} = \underline{16}$$

$$10 + \underline{6} = \underline{16}$$

Mary got 16 stickers at school.

4. Jim sat at a table with 4 teachers and 9 children. How many people were at the table after Jim sat down?

teachers
0000



$$\underline{4} + \underline{9} + \underline{1} = \underline{14}$$

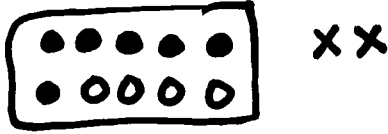
$$\underline{10} + \underline{4} = \underline{14}$$

There were 14 people at the table after Jim sat down.

Name Answer KeyDate Mod. 2

Circle the numbers that make ten. Draw a picture. Complete the number sentence.

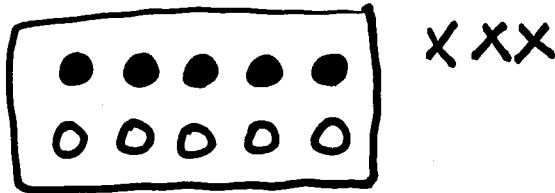
1. $\textcircled{6} + 2 + \textcircled{4} = \square$



$$\begin{array}{c} \boxed{10} \\ \diagdown \quad \diagup \\ \underline{6} + \underline{4} + \underline{2} \end{array}$$

$\boxed{10} + \underline{2} = \underline{12}$

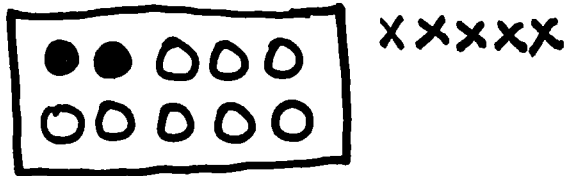
2. $\textcircled{5} + 3 + \textcircled{5} = \square$



$$\begin{array}{c} \boxed{10} \\ \diagdown \quad \diagup \\ \underline{5} + \underline{5} + \underline{3} \end{array}$$

$10 + \underline{3} = \underline{13}$

3. $5 + \textcircled{2} + \textcircled{8} = \square$



$$\begin{array}{c} \boxed{10} \\ \diagdown \quad \diagup \\ \underline{5} + \underline{2} + \underline{8} \end{array}$$

$\underline{5} + 10 = \underline{15}$

Answer Key

A STORY OF UNITS

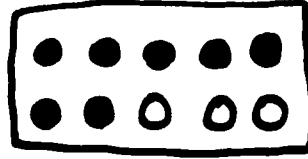
Mod. 2

Lesson 2 Homework

1•2

4. $2 + 7 + 3 = \square$

xx



$2 + 7 + 3$
A number bond diagram with a circle containing '10' at the top, branching down to '7' and '3'. Below the number bond is the equation $2 + 7 + 3$ with underlines under each number.

$2 + 10 = 12$

Circle the numbers that make ten and put them into a number bond. Write a new number sentence.

5.

$3 + 5 + 7 = 15$
A number bond diagram with a circle containing '10' at the top, branching down to '3' and '7'. Below the number bond is the equation $3 + 5 + 7 = 15$ with underlines under each number.

$10 + 5 = 15$

6.

$4 + 8 + 2 = 14$
A number bond diagram with a circle containing '10' at the top, branching down to '8' and '2'. Below the number bond is the equation $4 + 8 + 2 = 14$ with underlines under each number.

$4 + 10 = 14$

Challenge: Circle the addends that make ten. Circle the true number sentences.

a. $5 + 5 + 3 = 10 + 3$

c. $3 + 8 + 7 = 10 + 6$

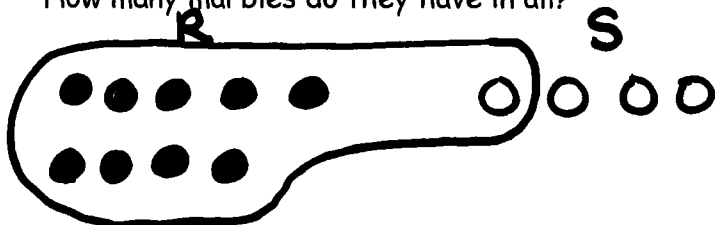
b. $4 + 6 + 6 = 10 + 6$

d. $8 + 9 + 2 = 9 + 10$

Name Answer KeyDate Mod. 2

Draw, label, and **circle** to show how you made ten to help you solve.
Complete the number sentences.

1. Ron has 9 marbles and Sue has 4 marbles.
How many marbles do they have in all?

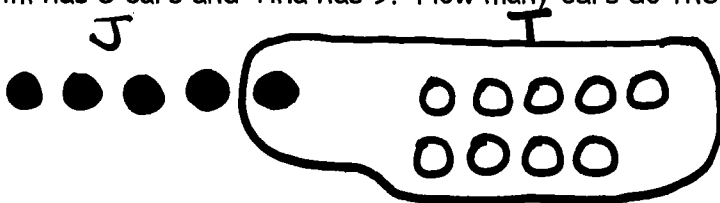


$$9 \text{ and } \underline{4} \text{ make } \underline{13}$$

$$10 \text{ and } \underline{3} \text{ make } \underline{13}$$

Ron and Sue have 13 marbles.

2. Jim has 5 cars and Tina has 9. How many cars do they have altogether?

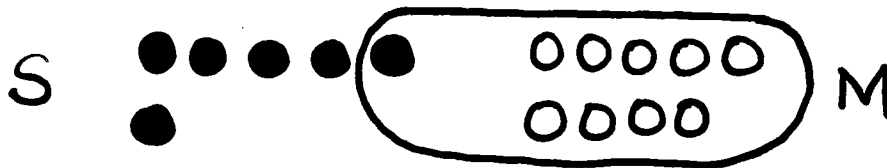


$$9 \text{ and } \underline{5} \text{ make } \underline{14}$$

$$10 \text{ and } \underline{4} \text{ make } \underline{14}$$

Jim and Tina have 14 cars.

3. Stan has 6 fish and Meg has 9. How many fish do they have in all?

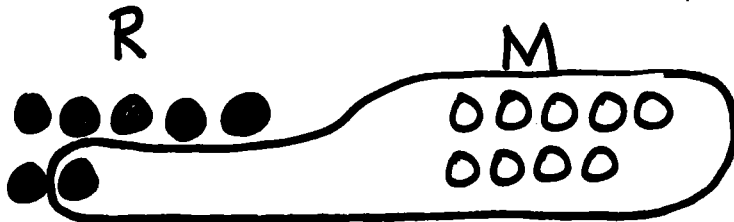


$$9 + \underline{6} = \underline{15}$$

$$10 + \underline{5} = \underline{15}$$

Stan and Meg have 15 fish.

4. Rick made 7 cookies and Mom made 9. How many cookies did Rick and Mom make?

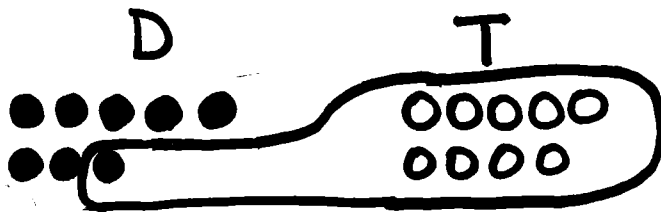


$$9 + \underline{7} = \underline{16}$$

$$10 + \underline{6} = \underline{16}$$

Rick and Mom made 16 cookies.

5. Dad has 8 pens and Tony has 9. How many pens do Dad and Tony have in all?



$$9 + \underline{8} = \underline{17}$$

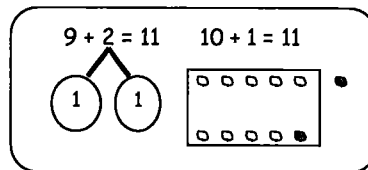
$$10 + \underline{7} = \underline{17}$$

Dad and Tony have 17 pens.

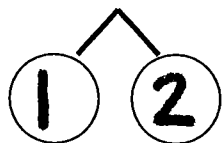
Name Answer Key

Date Mod. 2

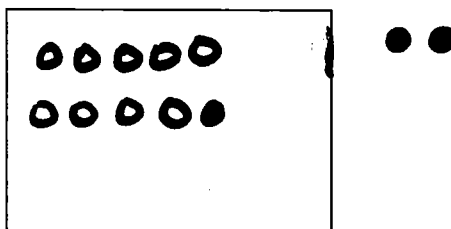
Solve. Make math drawings using the ten-frame to show how you made 10 to solve.



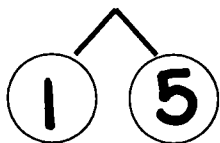
1. $9 + 3 = \underline{12}$



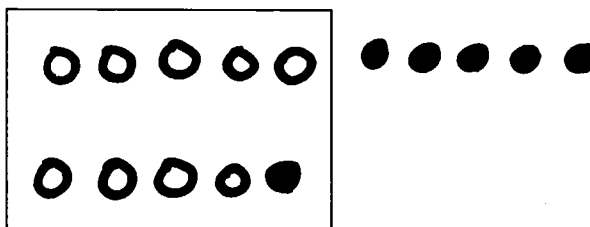
$\underline{10} + \underline{2} = \underline{12}$



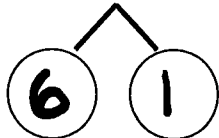
2. $9 + 6 = \underline{15}$



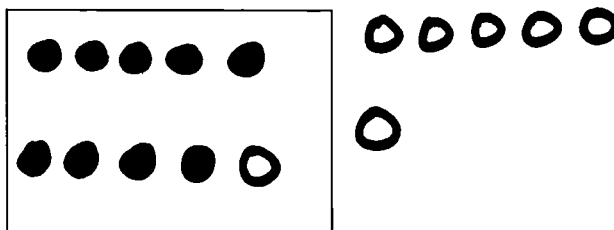
$\underline{10} + \underline{5} = \underline{15}$



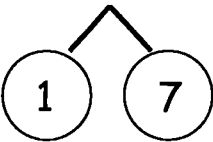
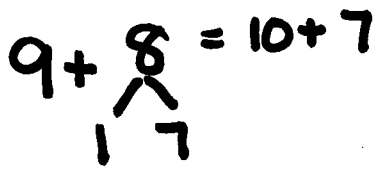
3. $7 + 9 = \underline{16}$

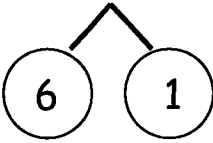
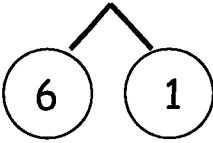


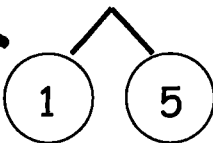
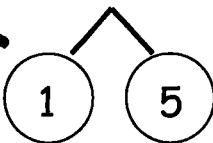
$\underline{10} + \underline{6} = \underline{16}$



4. Match the number sentences to the bonds you used to help you make ten.


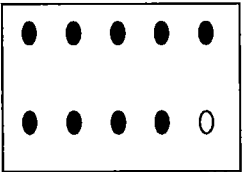
a. $9 + 8 = \underline{17}$ ———  think: $9 + 8 = 10 + 7$


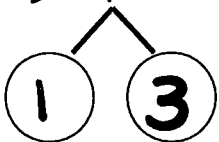
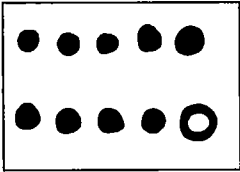
b. $15 = 9 + 6$ ~~—————~~  think: $7 + 9 = 6 + 10$


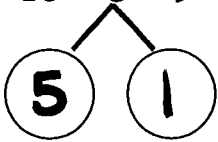
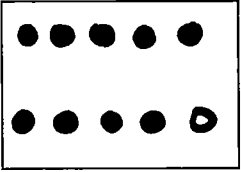
c. $7 + 9 = \underline{16}$ ~~—————~~  think: $9 + 6 = 10 + 5$


5. Show how the expressions are equal.

Use numbers bonds to make ten in the 9+ fact expression within the true number sentence. Draw to show the total.

a. $9 + 2 = 10 + 1$



b. $10 + 3 = 9 + 4$



c. $5 + 10 = 6 + 9$



Name Answer KeyDate Mod. 2

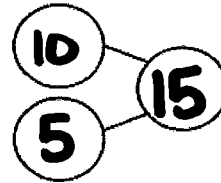
Solve the number sentences. Use number bonds to show your thinking. Write the 10+ fact and new number bond.

$$1. \quad 9 + 6 = \underline{15}$$

$$\quad \quad \wedge$$

$$\quad \quad 15$$

$$10 + \underline{5} = \underline{15}$$

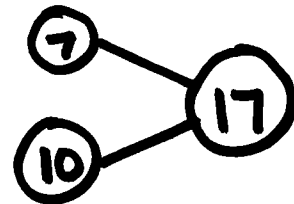


$$2. \quad 9 + 8 = \underline{17}$$

$$\quad \quad \wedge$$

$$\quad \quad 17$$

$$\underline{10} + \underline{7} = \underline{17}$$

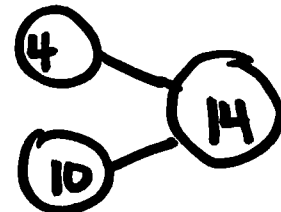


$$3. \quad 5 + 9 = \underline{14}$$

$$\quad \quad \wedge$$

$$\quad \quad 4 \quad 1$$

$$\underline{10} + \underline{4} = \underline{14}$$

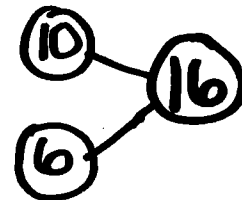


$$4. \quad 7 + 9 = \underline{16}$$

$$\quad \quad \wedge$$

$$\quad \quad 6 \quad 1$$

$$\underline{10} + \underline{6} = \underline{16}$$

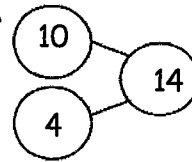
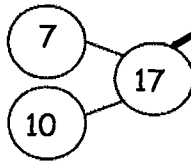
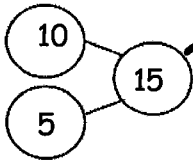


5. Solve. Match the number sentence to the 10+ number bond.

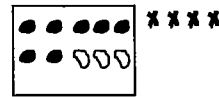
a. $9 + 5 = \underline{14}$

b. $9 + 6 = \underline{15}$

c. $9 + 8 = \underline{17}$



Use an efficient strategy to solve the number sentences.
 you could do a picture or
 split the "non-9" number to make a 10.



6. $9 + 7 = \underline{16}$

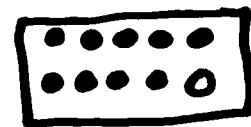


7. $9 + 2 = \underline{11}$



$10 + 1 = 11$

8. $9 + 1 = \underline{10}$

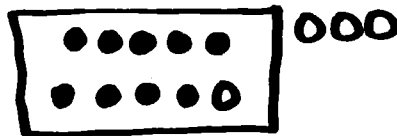


9. $8 + 9 = \underline{17}$



$7 + 10 = 17$

10. $4 + 9 = \underline{13}$



11. $9 + 9 = \underline{18}$



$10 + 8 = 18$

Name Answer Key Date Mod. 2

1. Solve. Use your number bonds. Draw a line to match the related facts. Write the related 10+ fact.

a.	$9 + 6 = \underline{\quad}$	$\underline{\quad} = 9 + 8$	<u>$10 + 7 = 17$</u>
b.	$\underline{\quad} = 3 + 9$	$\underline{\quad} = 7 + 9$	<u>$10 + 6 = 16$</u>
c.	$\underline{\quad} = 9 + 5$	$6 + 9 = \underline{\quad}$	<u>$10 + 5 = 15$</u>
d.	$8 + 9 = \underline{\quad}$	$9 + 3 = \underline{\quad}$	<u>$10 + 2 = 12$</u>
e.	$9 + 7 = \underline{\quad}$	$5 + 9 = \underline{\quad}$	<u>$10 + 4 = 14$</u>

2. Complete the addition sentences to make them true.

a. $3 + 10 = \underline{13}$

f. $\underline{16} = 7 + 9$

b. $4 + 9 = \underline{13}$

g. $10 + \underline{8} = 18$

c. $10 + 5 = \underline{15}$

h. $9 + 8 = \underline{17}$

d. $9 + 6 = \underline{15}$

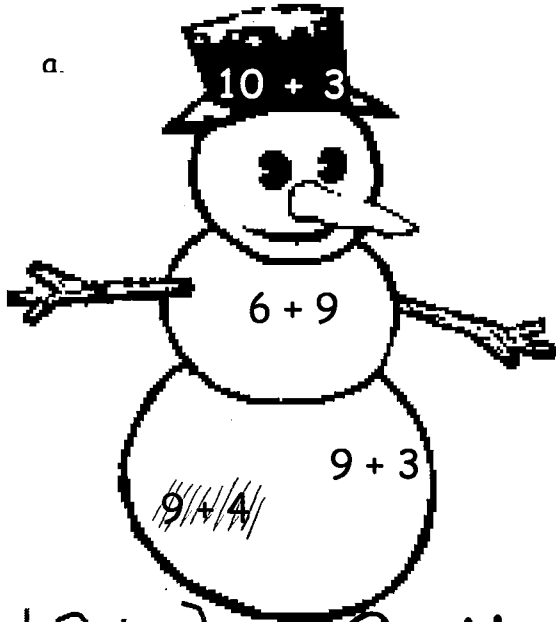
i. $\underline{10} + 9 = 19$

e. $7 + 10 = \underline{17}$

j. $5 + 9 = \underline{14}$

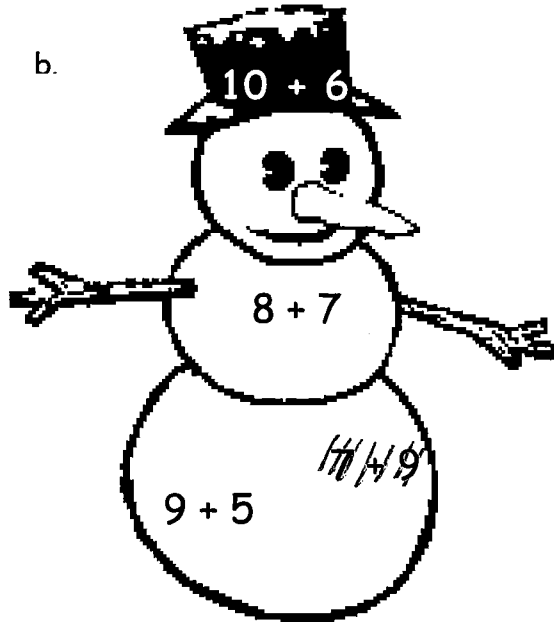
3. Find and color the expression that is equal to the expression on the snowman's hat.
Write the true number sentence below.

a.



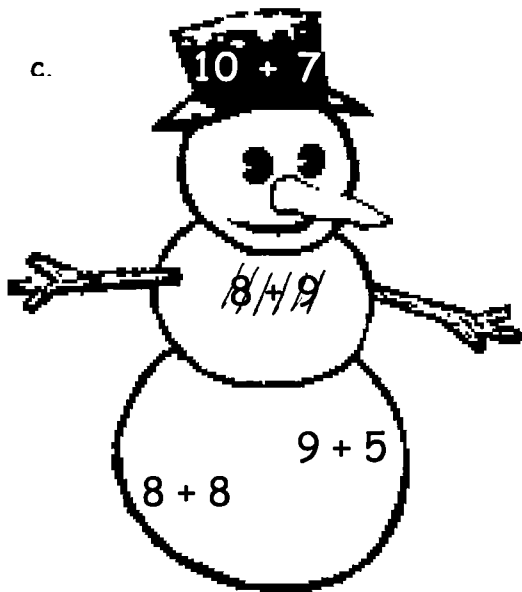
$$\underline{10 + 3} = \underline{9 + 4}$$

b.



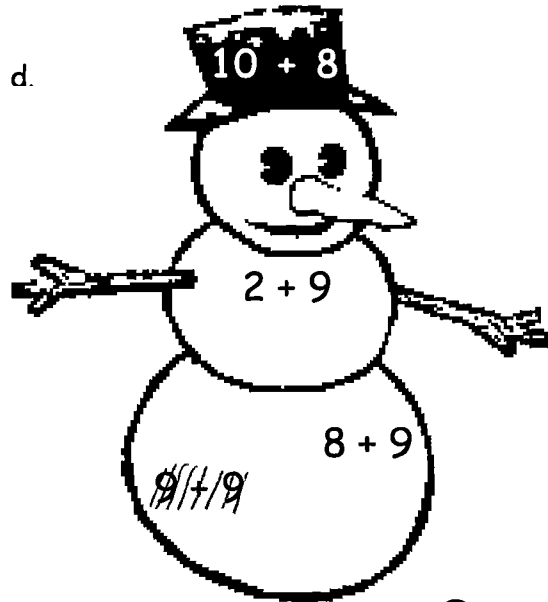
$$\underline{10 + 6} = \underline{7 + 9}$$

c.



$$\underline{10 + 7} = \underline{8 + 9}$$

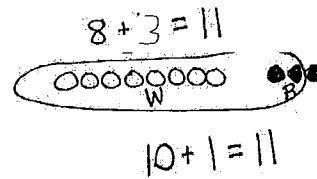
d.



$$\underline{10 + 8} = \underline{9 + 9}$$

Name Answer KeyDate Mod. 2

Draw, label, and **circle** to show how you made ten to help you solve.



Write the number sentences you used to solve.

1. Meg gets 8 toy animals and 4 toy cars at a party.
How many toys does Meg get in all?



$$8 + 4 = \underline{12}$$

$$10 + \underline{2} = \underline{12}$$

Meg gets 12 toys.

2. John makes 6 baskets in his first basketball game and 8 baskets in his second.
How many baskets does he make altogether?

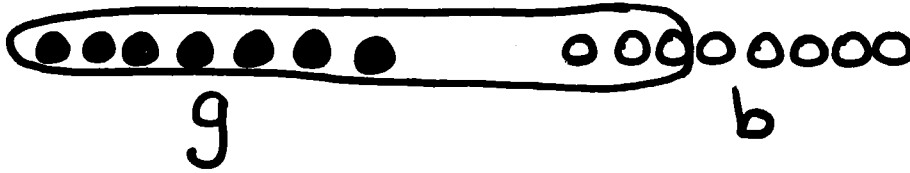


$$\underline{6} + \underline{8} = \underline{14}$$

$$\underline{10} + \underline{4} = \underline{14}$$

John makes 14 baskets.

3. May has a party. She invites 7 girls and 8 boys. How many friends does she invite in all?

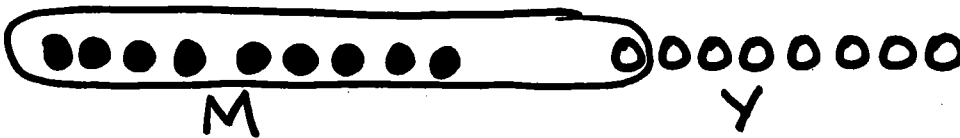


$$\underline{7} + \underline{8} = \underline{15}$$

$$\underline{10} + \underline{5} = \underline{15}$$

May invites 15 friends.

4. Alec collects baseball hats. He has 9 Mets hats and 8 Yankee hats. How many hats are in his collection?



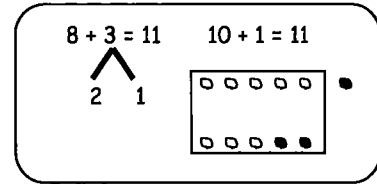
$$\underline{9} + \underline{8} = \underline{17}$$

$$\underline{10} + \underline{7} = \underline{17}$$

Alec has 17 hats.

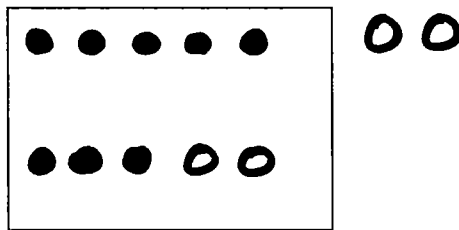
Name Answer KeyDate Mod. 2

Solve. Make math drawings using the ten-frame to show how you made ten to solve.



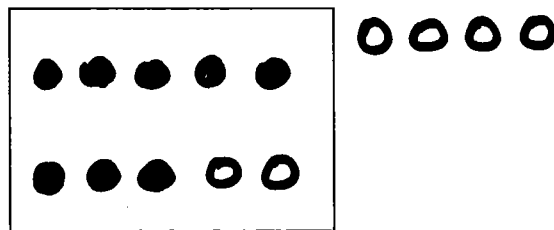
$$1. \quad 8 + 4 = \underline{12}$$

$$\underline{10} + \underline{2} = \underline{12}$$



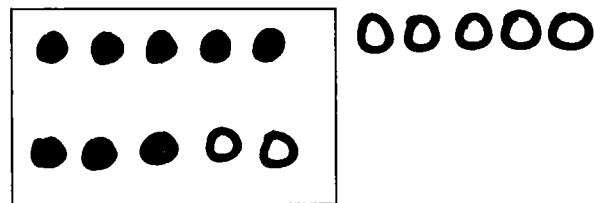
$$2. \quad 8 + 6 = \underline{14}$$

$$\underline{10} + \underline{4} = \underline{14}$$




$$3. \quad 7 + 8 = \underline{15}$$

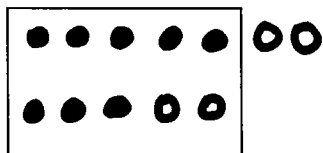
$$\underline{10} + \underline{5} = \underline{15}$$




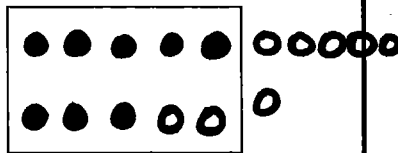
4. Make math drawings using ten-frames to solve. **(Circle)** the true number sentences.

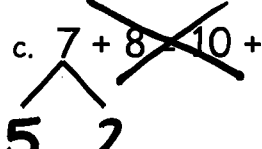
Write an X to show number sentences that are not true.

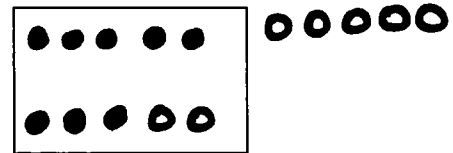
a. $8 + 4 = 10 + 2$


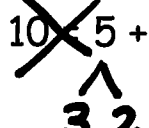


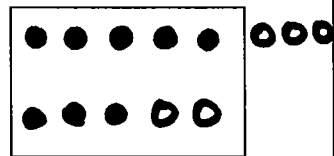
b. $10 + 6 = 8 + 8$


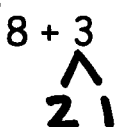


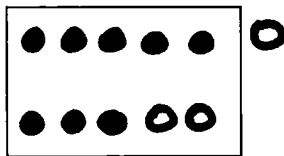
c. ~~$7 + 8 = 10 + 6$~~





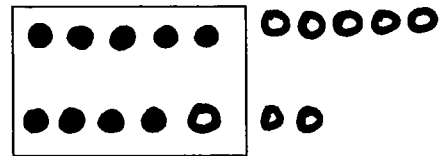
d. ~~$5 + 10 = 5 + 8$~~




e. ~~$2 + 10 = 8 + 3$~~




f. $8 + 9 = 10 + 7$




Name Answer KeyDate Mod. 2

Use number bonds to show your thinking. Write the 10+ fact.

$$1. \quad 8 + 3 = \underline{11}$$

$$\quad \quad \quad \wedge$$

$$\quad \quad \quad 2 \quad 1$$

$$10 + \underline{1} = \underline{11}$$

$$2. \quad 6 + 8 = \underline{14}$$

$$\quad \quad \quad \wedge$$

$$\quad \quad \quad 4 \quad 2$$

$$\underline{4} + 10 = \underline{14}$$

$$3. \quad \underline{16} = 8 + 8$$

$$\quad \quad \quad \wedge$$

$$\quad \quad \quad 2 \quad 6$$

$$\underline{16} = 10 + \underline{6}$$

$$4. \quad \underline{13} = 5 + 8$$

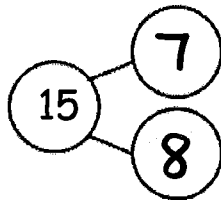
$$\quad \quad \quad \wedge$$

$$\quad \quad \quad 3 \quad 2$$

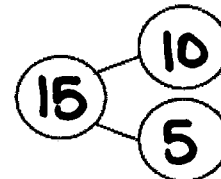
$$\underline{13} = 10 + \underline{3}$$

Complete the addition sentences.

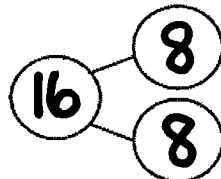
$$5. \quad a. \quad 7 + 8 = \underline{15}$$



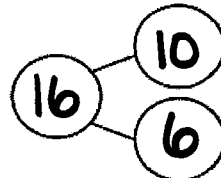
$$b. \quad 10 + 5 = \underline{15}$$



$$6. \quad a. \quad 16 = \underline{8} + 8$$

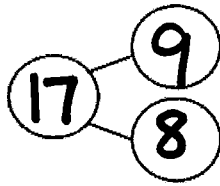


$$b. \quad 10 + 6 = \underline{16}$$

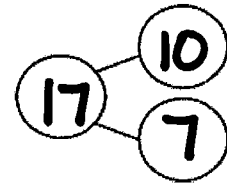
Think: $5 \uparrow 2$ Think: $6 \uparrow 2$

7. a. $17 = 9 + 8$

Think: $1 \overset{\wedge}{7}$



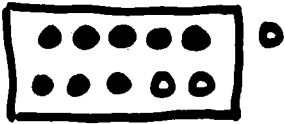
b. $10 + 7 = 17$



Draw a line to the matching number sentence. You may use a number bond or 5-group drawing to help you.

8. $11 = 8 + 3$

$2 \overset{\wedge}{1}$



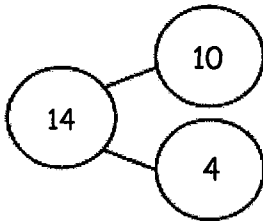
9. Lisa had 5 red rocks and 8 white rocks. How many rocks did she have?



or $8 + 5 = 10 + 3$

$2 \overset{\wedge}{3}$

10.



$8 + 6 = 14$

$2 \overset{\wedge}{4}$

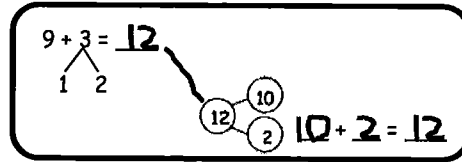
$10 + 1 = 11$

$13 = 10 + 3$

Name Answer Key

Date Mod. 2

Solve. Match the number sentence to the 10+ number bond that helped you solve the problem. Write the 10+ number sentence.



1. $8 + 6 = \underline{14}$
 $\begin{array}{r} \wedge \\ 2 \ 4 \end{array}$

2. $7 + 5 = \underline{12}$
 $\begin{array}{r} \wedge \\ 3 \ 2 \end{array}$

3. $5 + 8 = \underline{13}$
 $\begin{array}{r} \wedge \\ 3 \ 2 \end{array}$

4. $4 + 7 = \underline{11}$
 $\begin{array}{r} \wedge \\ 1 \ 3 \end{array}$

5. $6 + 9 = \underline{15}$
 $\begin{array}{r} \wedge \\ 5 \ 1 \end{array}$

11 (10, 1)
 15 (10, 5)
 12 (10, 2)
 14 (10, 4)
 13 (10, 3)

10 + 1 = 11

10 + 5 = 15

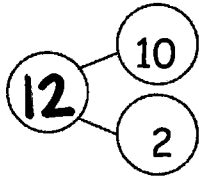
10 + 2 = 12

10 + 4 = 14

10 + 3 = 13

Complete the number sentences so they equal the given number bond.

6.

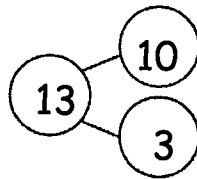


$$9 + \underline{3} = 12$$

$$8 + \underline{4} = 12$$

$$7 + \underline{5} = 12$$

7.

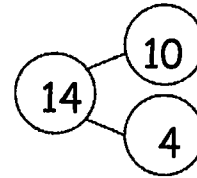


$$9 + \underline{4} = 13$$

$$8 + \underline{5} = 13$$

$$7 + \underline{6} = 13$$

8.

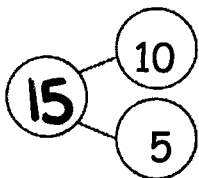


$$9 + \underline{5} = 14$$

$$8 + \underline{6} = 14$$

$$7 + \underline{7} = 14$$

9.

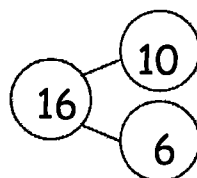


$$15 = 9 + \underline{6}$$

$$\underline{15} = 8 + \underline{7}$$

$$\underline{15} = 7 + \underline{8}$$

10.

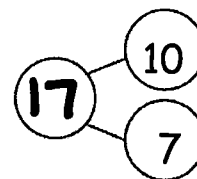


$$16 = 9 + \underline{7}$$

$$\underline{16} = 8 + \underline{8}$$

$$7 + \underline{9} = \underline{16}$$

11.



$$\underline{17} = 9 + 8$$

$$\underline{17} = 8 + \underline{9}$$

$$\underline{17} = 7 + \underline{10}$$