

Friendly Fact Go Around: Make it Equal

$9 + 1 = 10 + \underline{0}$

$9 + 3 = 10 + \underline{2}$

$9 + 5 = 10 + \underline{4}$

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

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

$9 + 6 = 10 + \underline{5}$

$3 + 9 = 10 + \underline{2}$

$2 + 9 = 10 + \underline{1}$

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

$5 + 9 = 10 + \underline{4}$

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

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

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

$9 + 6 = \underline{5} + 10$

$9 + 5 = \underline{4} + 10$

$9 + 2 = \underline{1} + 10$

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

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

$9 + \underline{6} = 10 + 5$

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

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

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

$9 + \underline{5} = 10 + 4$

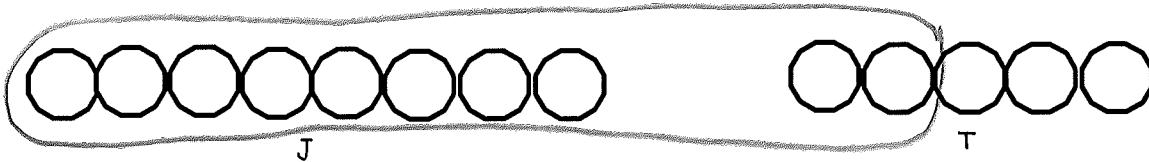
$9 + \underline{7} = 10 + 6$

Name _____

Date _____

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

1. John has 8 tennis balls. Toni has 5. How many tennis balls do they have in all?

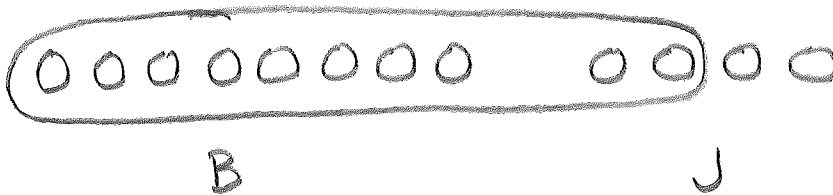


8 and 5 make 13.

10 and 3 make 13.

John and Toni have 13 tennis balls in all.

2. Bob has 8 raisins and Jenny has 4. How many raisins do they have altogether?

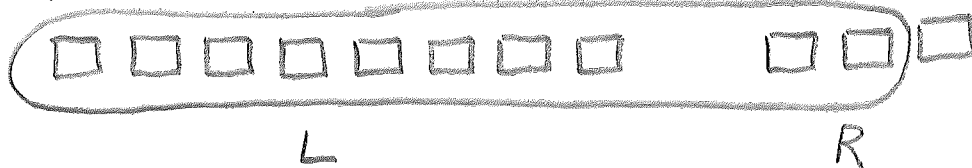


8 and 4 make 12.

10 and 2 make 12.

Bob and Jenny have 12 raisins altogether.

3. There are 3 chairs on the right side of the classroom and 8 on the left side. How many total chairs are in the classroom?

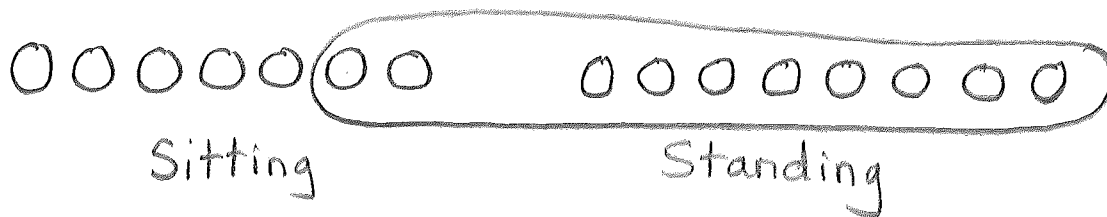


8 and 3 make 11.

10 and 1 make 11.

There are 11 total chairs.

4. There are 7 children sitting on the rug and 8 children standing. How many children are there in all?



8 and 7 make 15.

10 and 5 make 15.

There are 15 children in all.

Name _____ Date _____

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

Write the number sentences you used to solve.

- Nick picks some peppers. He picks 5 green peppers and 8 red peppers. How many peppers does he pick in all?



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

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

Nick picks 13 peppers.

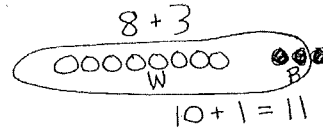
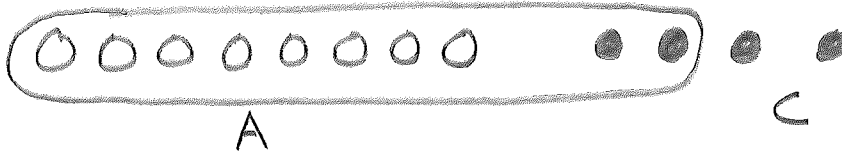
Name _____

Date _____

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?

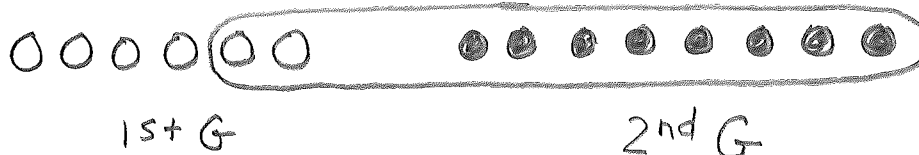


$$8 + 4 = \underline{12}$$

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

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?

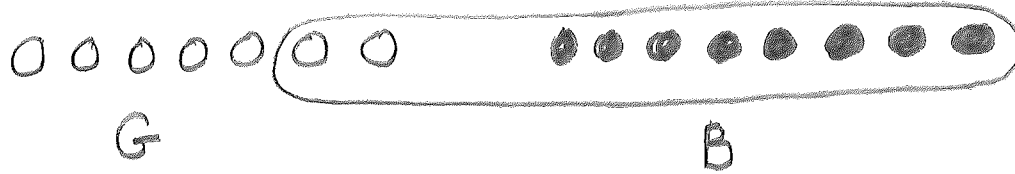


$$\underline{6} + \underline{8} = \underline{14}$$

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

John makes 14 baskets.

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

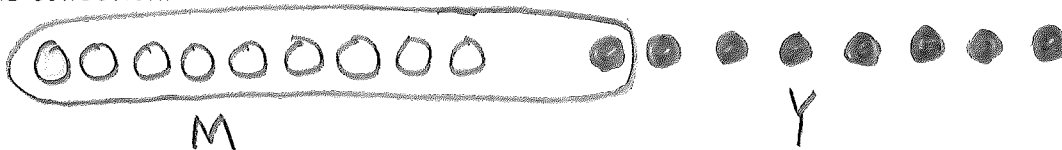


$$\underline{7} + \underline{8} = \underline{15}$$

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

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?



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

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

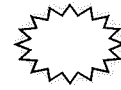
Alec has 17 hats.

Name _____

Date _____

A* Write the missing number.

Number correct:



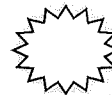
1	$9 + 1 = \square$	10	16	$9 + 5 = \square$	14
2	$10 + 1 = \square$	11	17	$9 + 6 = \square$	15
3	$9 + 2 = \square$	11	18	$6 + 9 = \square$	15
4	$9 + 1 = \square$	10	19	$9 + 4 = \square$	13
5	$10 + 2 = \square$	12	20	$4 + 9 = \square$	13
6	$9 + 3 = \square$	12	21	$9 + 8 = \square$	17
7	$9 + 1 = \square$	10	22	$9 + 9 = \square$	18
8	$10 + 4 = \square$	14	23	$9 + \square = 18$	9
9	$9 + 5 = \square$	14	24	$\square + 6 = 15$	9
10	$9 + 1 = \square$	10	25	$\square + 6 = 16$	10
11	$10 + 6 = \square$	15	26	$13 = 9 + \square$	4
12	$9 + 7 = \square$	16	27	$17 = 8 + \square$	9
13	$9 + 1 = \square$	10	28	$10 + 2 = 9 + \square$	3
14	$10 + 8 = \square$	17	29	$9 + 5 = 10 + \square$	4
15	$9 + 9 = \square$	18	30	$\square + 7 = 8 + 9$	10

Name _____

Date _____

B* Write the missing number.

Number correct:

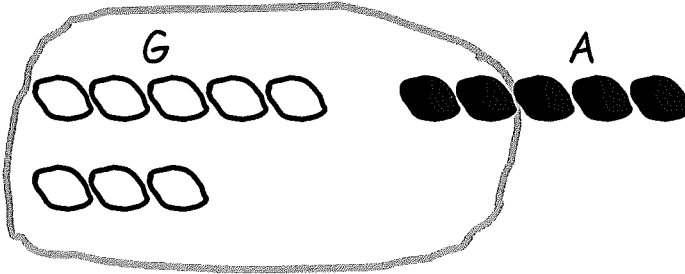


1	$9 + 1 = \square$	10	16	$5 + 9 = \square$	14
2	$10 + 2 = \square$	12	17	$6 + 9 = \square$	15
3	$9 + 3 = \square$	12	18	$9 + 6 = \square$	15
4	$9 + 1 = \square$	10	19	$9 + 7 = \square$	16
5	$10 + 1 = \square$	11	20	$7 + 9 = \square$	16
6	$9 + 2 = \square$	11	21	$9 + 8 = \square$	17
7	$9 + 1 = \square$	10	22	$9 + 9 = \square$	18
8	$10 + 3 = \square$	13	23	$9 + \square = 17$	8
9	$9 + 4 = \square$	13	24	$\square + 5 = 14$	9
10	$9 + 1 = \square$	10	25	$\square + 4 = 14$	10
11	$10 + 5 = \square$	15	26	$15 = 9 + \square$	6
12	$9 + 6 = \square$	15	27	$16 = 7 + \square$	9
13	$9 + 1 = \square$	10	28	$10 + 4 = 9 + \square$	5
14	$10 + 4 = \square$	14	29	$9 + 6 = 10 + \square$	5
15	$9 + 5 = \square$	14	30	$\square + 6 = 7 + 9$	10

Name _____ Date _____

Circle to make ten. Write the 10+ number sentence and solve.

1. Tom only has 8 goldfish and 5 angelfish. How many fish does Tom have in all?



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

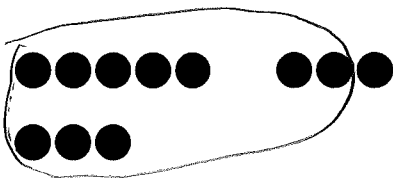
\swarrow \searrow
 2 3

10 fish + 3 fish = 13 fish

Make ten by circling and solve.

2. $8 + 3 = \underline{11}$

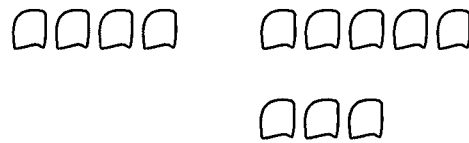
\swarrow \searrow
 2 1



10 + 1 = 11

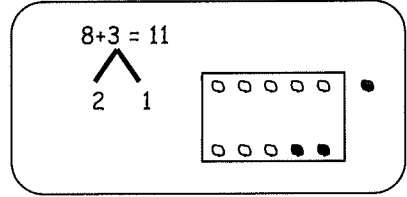
3. $4 + 8 = \underline{12}$

\swarrow \searrow
 2 2



10 + 2 = 12

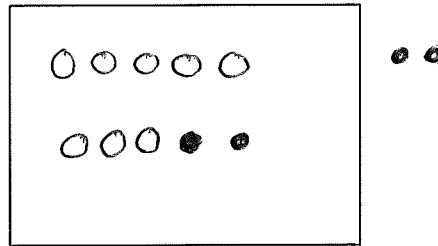
Solve. Make math drawings using the ten-frame to show how you made ten to solve.



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

$\begin{array}{c} \diagup \quad \diagdown \\ 2 \quad 2 \end{array}$

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

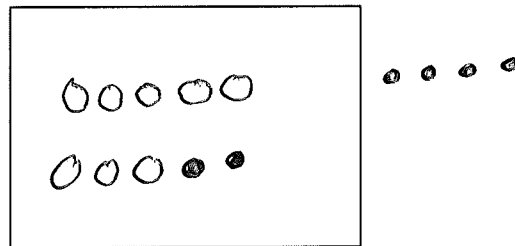


5. $6 + 8 = \underline{14}$

$\begin{array}{c} \diagup \quad \diagdown \\ 4 \quad 2 \end{array}$

10 or 4

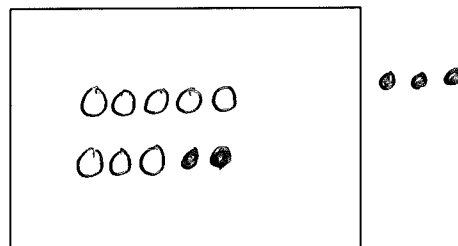
$\underline{4} + \underline{10} = \underline{14}$



6. $8 + 5 = \underline{13}$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 \quad 3 \end{array}$

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



Solve. Use a number bond to show how you made a ten.

7. $5 + 8 = \underline{13}$

$\begin{array}{c} \diagup \quad \diagdown \\ 3 \quad 2 \end{array}$

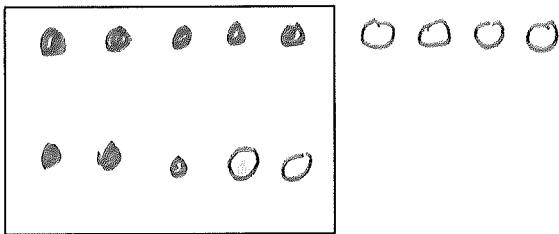
8. $\underline{15} = 8 + 7$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 \quad 5 \end{array}$

Name _____ Date _____

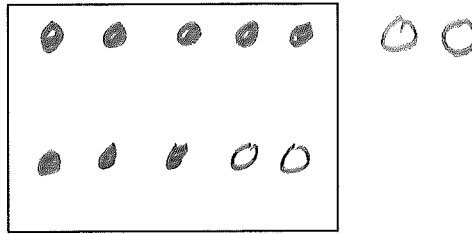
Make math drawings using the ten-frame to solve. Rewrite as a 10+ number sentence.

1. $6 + 8 = \underline{14}$



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

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

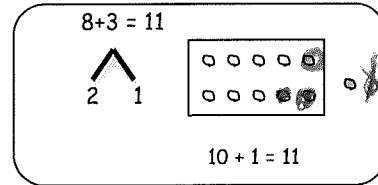


$\underline{10} + \underline{2} = \underline{12}$

Name _____

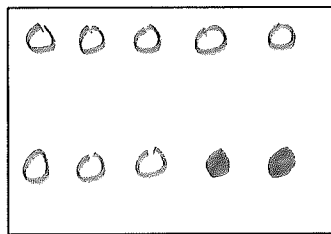
Date _____

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



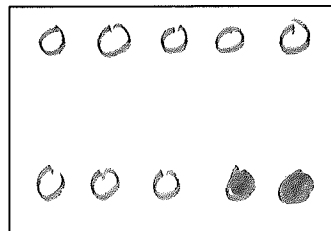
1. $8 + 3 = 11$ $10 + 1 = 11$

2 1



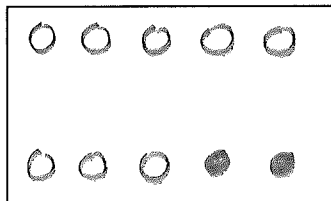
2. $8 + 6 = 14$ $10 + 4 = 14$

2 4



3. $7 + 8 = 15$ $10 + 5 = 15$

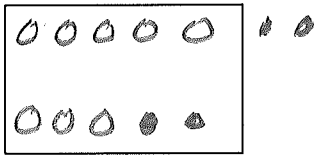
5 2



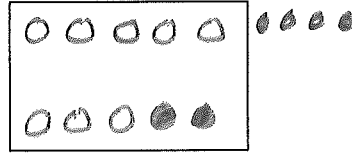
Make math drawings using ten-frames to solve. Circle the true number sentences.

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

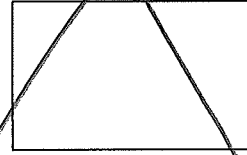
a. $8 + 4 = 10 + 2$



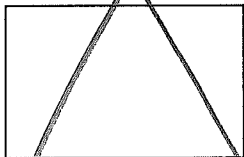
b. $10 + 6 = 8 + 8$



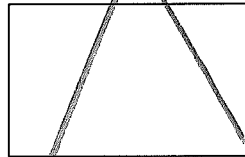
~~c. $7 + 8 = 10 + 6$~~



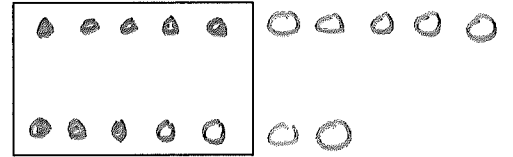
~~d. $5 + 10 = 5 + 8$~~



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



f. $8 + 9 = 10 + 7$



Name _____

Date _____

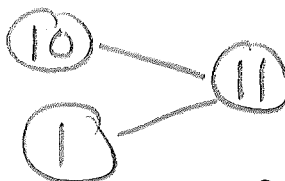
Make ten to solve. Use a number bond to show how you took 2 out to make ten.

1. Ben has 8 green grapes and 3 purple grapes. How many grapes does he have?

$$8 + 3 = \underline{11}$$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 \quad 1 \end{array}$

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

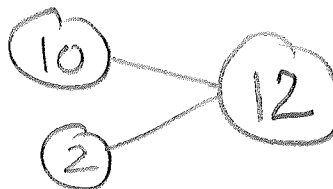


Ben has 11 grapes.

2. $8 + 4 = \underline{12}$



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

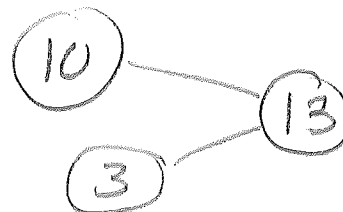


Use number bonds to show your thinking. Write the 10+ fact.

3. $8 + 5 = \underline{13}$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 \quad 3 \end{array}$

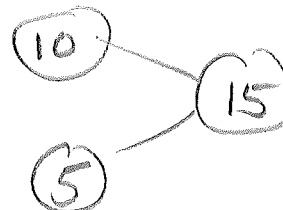
$$\underline{10} + \underline{3} = \underline{13}$$



4. $8 + 7 = \underline{15}$

$\begin{array}{c} \diagup \quad \diagdown \\ 2 \quad 5 \end{array}$

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



5. $4 + 8 = 12$
2 2

$10 + 2 = 12$

6. $7 + 8 = 15$
5 2

$10 + 5 = 15$

7. $8 + 9 = 17$
2 7

$10 + 7 = 17$

Complete the addition sentences.

8. a. $10 + 1 = 11$

b. $8 + 3 = 11$

9. a. $10 + 5 = 15$

b. $8 + 7 = 15$

10. a. $10 + 6 = 16$

b. $8 + 8 = 16$

11. a. $2 + 10 = 12$

b. $4 + 8 = 12$

12. a. $4 + 10 = 14$

b. $6 + 8 = 14$

Name _____ Date _____

Seyla has 3 stamps in her collection. Her father gives her 8 more stamps. How many stamps does she have now? Show how you make ten and write the 10+ fact.

$$3 + 8 = \underline{11}$$

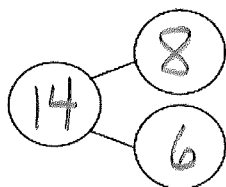
$\begin{array}{r} \diagup \quad \diagdown \\ 2 \quad 1 \end{array}$

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

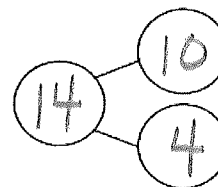
Complete the addition sentences.

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

$\begin{array}{r} \diagup \quad \diagdown \\ 2 \quad 4 \end{array}$



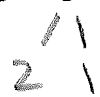
b. $10 + \underline{4} = 14$



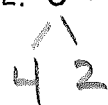
Name _____

Date _____


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

1. $8 + 3 = 11$



$10 + 1 = 11$

2. $6 + 8 = 14$


$4 + 10 = 14$

3. $16 = 8 + 8$


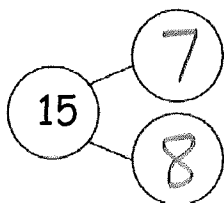
$16 = 10 + 6$

4. $13 = 5 + 8$


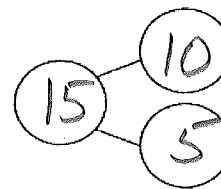
$13 = 10 + 3$

Complete the addition sentences.

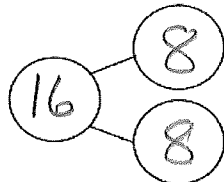
5. a. $7 + 8 = 15$



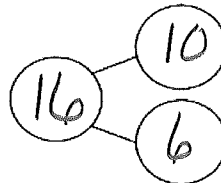
b. $10 + 5 = 15$



6. a. $16 = 8 + 8$



b. $10 + 6 = 16$



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

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

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

8. $11 = 8 + 3$

$8 + 6 = 14$

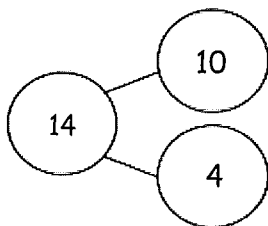
$10 + 1 = 11$

$13 = 10 + 3$

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




10.

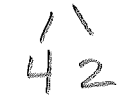



Name _____ Date _____

May use drawings also,

Solve. If you want to, use drawings or number bonds. Write the equal 10+ fact.

1. $4 + 9 = \underline{13}$


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








3. $7 + 4 = \underline{11}$


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

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

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

4. Match the equal expressions.

- | | | |
|------------|---|----------|
| a. $9 + 3$ |  | $10 + 1$ |
| b. $5 + 8$ |  | $10 + 4$ |
| c. $9 + 6$ |  | $10 + 2$ |
| d. $8 + 9$ |  | $10 + 5$ |
| e. $4 + 7$ |  | $10 + 7$ |
| f. $6 + 8$ |  | $10 + 3$ |

Complete the addition sentences to make them true.

(A)

5. $9 + 2 = \underline{11}$

6. $9 + 5 = \underline{14}$

7. $6 + 9 = \underline{15}$

8. $7 + 9 = \underline{16}$

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

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

(B)

$8 + 4 = \underline{12}$

$8 + 3 = \underline{11}$

$6 + 8 = \underline{14}$

$5 + 8 = \underline{13}$

$8 + \underline{8} = 16$

$\underline{7} + 8 = 15$

(C)

$7 + 5 = \underline{12}$

$7 + 6 = \underline{13}$

$4 + 7 = \underline{11}$

$7 + 7 = \underline{14}$


$7 + \underline{9} = 16$


$\underline{10} + 7 = 17$


Name _____

Date _____

Solve. Use number bonds or 5-group drawings if needed. Write the equal 10+ number sentence.

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


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


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


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

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

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

Name _____

Date _____

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

$9 + 3 = 12$

$10 + 2 = 12$

$8 + 6 = 14$

$7 + 5 = 12$

$5 + 8 = 13$

$4 + 7 = 11$

$6 + 9 = 15$

11 (10, 1)

15 (10, 5)

12 (10, 2)

14 (10, 4)

13 (10, 3)

$10 + 1 = 11$

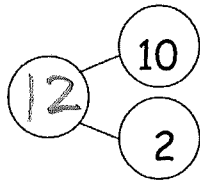
$10 + 5 = 15$

$10 + 2 = 12$

$10 + 4 = 14$

$10 + 3 = 13$

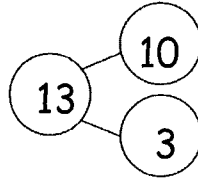
Complete the number sentences so that they equal the given number bond.



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

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

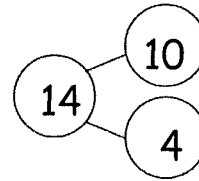
$$7 + \underline{5} = 12$$



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

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

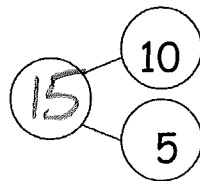
$$7 + \underline{6} = 13$$



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

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

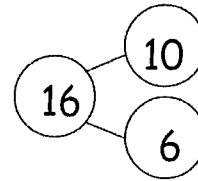
$$7 + \underline{7} = 14$$



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

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

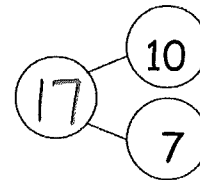
$$\underline{15} = 7 + \underline{8}$$



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

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

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



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

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

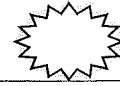
$$\underline{17} = 7 + \underline{10}$$

Name _____

Date _____

A* Write the missing number.

Number correct:

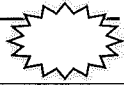


1	$9 + 2 = \square$	11	16	$4 + 8 = \square$	12
2	$9 + 3 = \square$	12	17	$8 + 4 = \square$	12
3	$9 + 5 = \square$	14	18	$7 + 4 = \square$	11
4	$9 + 4 = \square$	13	19	$7 + 5 = \square$	12
5	$8 + 2 = \square$	10	20	$7 + 6 = \square$	13
6	$8 + 3 = \square$	11	21	$6 + 7 = \square$	13
7	$8 + 5 = \square$	13	22	$9 + 9 = \square$	18
8	$8 + 4 = \square$	12	23	$9 + \square = 18$	9
9	$9 + 4 = \square$	13	24	$\square + 4 = 13$	9
10	$8 + 5 = \square$	13	25	$\square + 4 = 12$	8
11	$9 + 5 = \square$	14	26	$12 = 3 + \square$	9
12	$8 + 6 = \square$	14	27	$16 = 8 + \square$	8
13	$9 + 6 = \square$	15	28	$9 + 4 = 8 + \square$	5
14	$6 + 9 = \square$	15	29	$9 + 3 = 5 + \square$	7
15	$9 + 6 = \square$	15	30	$\square + 7 = 8 + 6$	7

Name _____

Date _____

B*Write the missing number.

Number correct: 

1	$9 + 1 = \square$	10	16	$3 + 8 = \square$	11
2	$9 + 2 = \square$	11	17	$8 + 3 = \square$	11
3	$9 + 4 = \square$	13	18	$7 + 3 = \square$	10
4	$9 + 3 = \square$	12	19	$7 + 4 = \square$	11
5	$8 + 2 = \square$	10	20	$7 + 5 = \square$	12
6	$8 + 3 = \square$	11	21	$5 + 7 = \square$	12
7	$8 + 5 = \square$	13	22	$8 + 8 = \square$	16
8	$8 + 4 = \square$	12	23	$8 + \square = 16$	8
9	$9 + 4 = \square$	13	24	$\square + 3 = 12$	9
10	$8 + 5 = \square$	13	25	$\square + 4 = 12$	8
11	$9 + 5 = \square$	14	26	$12 = 3 + \square$	9
12	$8 + 7 = \square$	15	27	$14 = 7 + \square$	7
13	$9 + 7 = \square$	16	28	$9 + 3 = 8 + \square$	4
14	$7 + 9 = \square$	16	29	$9 + 3 = 5 + \square$	7
15	$9 + 7 = \square$	16	30	$\square + 7 = 8 + 5$	6

Name _____

Date _____

Jeremy had 7 big rocks and 8 little rocks in his pocket.

How many rocks does Jeremy have?

1. Circle all student work that correctly matches the story.

a.

$7 + 8 = 15$

b.

$7 + 8 = 15$

c.

$7 + 8 = 15$

d.

$7 + 8 = 15$

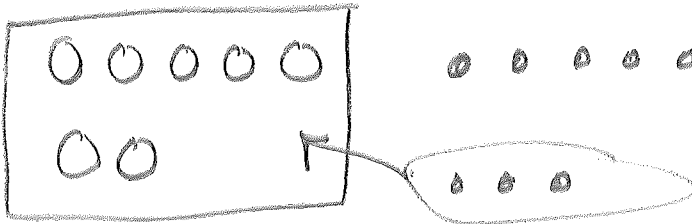
e.

$7 + 8 = 15$

f.

$7 + 8 = 15$

2. Fix the work that was incorrect by making a new drawing in the space below with the matching number sentence.



$7 + 8 = 15$ $10 + 5 = 15$

Solve on your own. Show your thinking by drawing or writing. Write a statement to answer the question.

3. There are 4 vanilla cupcakes and 8 chocolate cupcakes for the party. How many cupcakes were made for the party?

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

There are 12 cupcakes.

4. There were 5 girls on the playground. Then 7 boys came out to play. How many students are on the playground?

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

There are 12 students on the playground.

When you are done, share your solutions with a partner. How did your partner solve each problem? Be ready to share how your partner solved the problems.

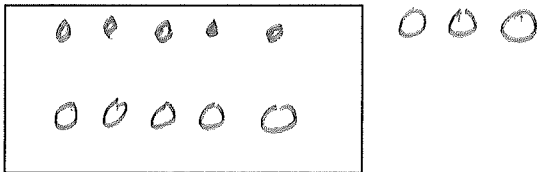
Name _____

Date _____

John thinks the problem below should be solved using 5-group drawings and Sue thinks it should be solved using a number bond. Solve both ways and circle the strategy you think is the most efficient.

1. Kim scores 5 goals in her first soccer game and 8 runs in her softball game. How many points does she score altogether?

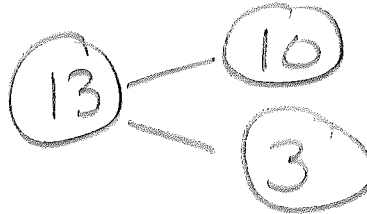
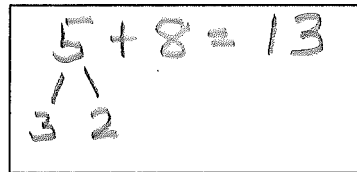
John's work



$$5 + 8 = 13$$

$$10 + 3 = 13$$

Sue's work



Name _____

Date _____

Look at the student work. Correct the work. If the answer is incorrect, show a correct solution in the space below the student work.

1. Todd has 9 red cars and 7 blue cars. How many cars does he have altogether?

Mary's work

$9 + 7 = 16$

Joe's work

$9 + 7 = 15$

$9 + 7 = 15$

Len's work

$9 + 7 = 16$

$9 + 7 = 16$

$9 + 7 = 16$

2. Jill has 8 beta fish and 5 goldfish. How many fish does she have in total?

Frank's work

$8 + 5 = 13$

Lori's work

$8 + 5 = 13$

$8 + 5 = 14$

Mike's work

$8 + 5 = 13$

$8 + 5 = 13$

$10 + 3 = 13$

3. Dad baked 7 chocolate and 6 vanilla cupcakes. How many cupcakes did he bake in all?

Mary's work

13 = 7 + 6

Joe's work

10 + 3 = 13

Lori's work

7 + 6 = 13

7 + 6 = 13

4. Mom caught 9 fireflies and Sue caught 8 fireflies. How many fireflies did they catch altogether?

Mike's work

10 + 7 = 17

Len's work

17 = 9 + 8

Frank's work

9 + 8 = 18

18 = 9 + 8

9 + 8 = 17