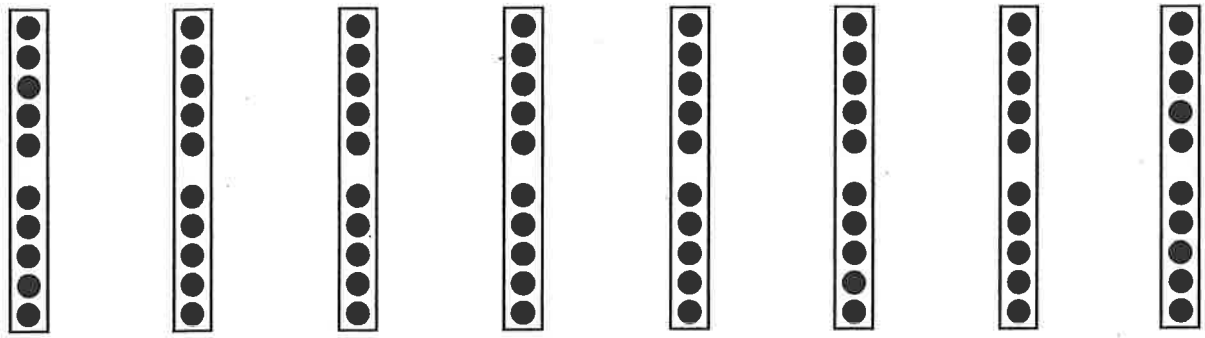
Name _____

VOCABULARY
tens

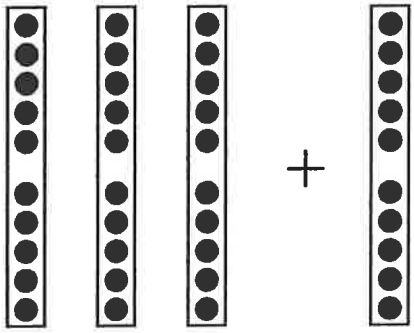
How many circles? Count by **tens**.

1 

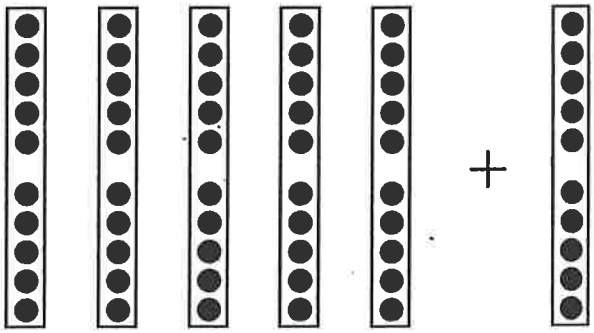
_____ _____ _____ _____ _____ _____ _____ _____

Total

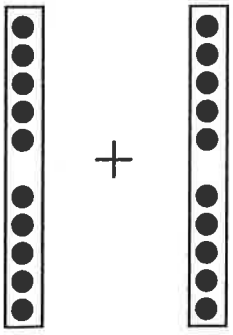
Add 1 ten.

2 

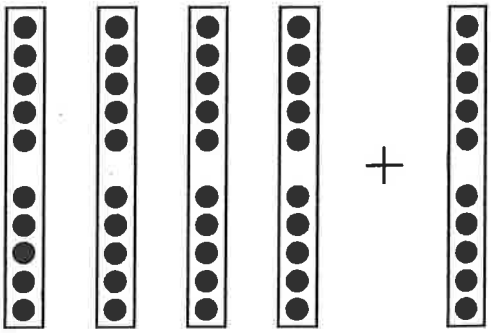
Equation _____

3 

Equation _____

4 

Equation _____

5 

Equation _____

Add 10.

6. 50 + 10 = ☐
7. 10 + 10 = ☐
8. 30 + 10 = ☐
9. 80 + 10 = ☐
10. 70 + 10 = ☐
11. 60 + 10 = ☐
12. 40 + 10 = ☐
13. 90 + 10 = ☐

Write the numbers.

14. 20 = ____ tens ____ ones
15. 80 = ____ tens ____ ones
16. 50 = ____ tens ____ ones
17. 10 = ____ ten ____ ones

---

18. Draw tens to solve.
Write the unknown number.

☐ + 10 = 30

Check Understanding

How are counting tens and adding tens the same?

Name _____

Solve. Write an equation to show one ten and extra ones.

1. Choi has 10 pencils in a pack and 4 extra pencils. How many pencils does he have in all?

pencil

☐ + ☐ = ☐ ☐ pencils

2. There are 10 cups in a box and 7 extra cups. How many cups are there altogether?

cup

☐ + ☐ = ☐ ☐ cups

3. Ginger has a tray of 10 plants and 2 extra plants. How many plants are there in all?

plant

☐ + ☐ = ☐ ☐ plants

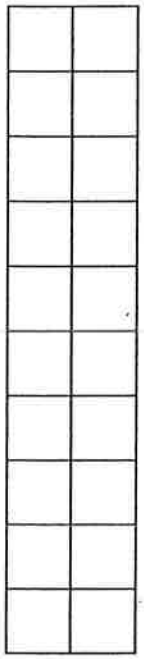
4. Abe has a pail of 10 brushes and 8 extra brushes. How many brushes are there in all?

paintbrush

☐ + ☐ = ☐ ☐ brushes

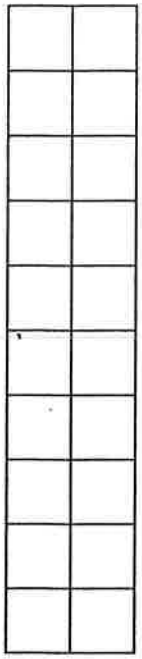
Draw circles in the grid to show the teen number. Write the equation.

5 Model 16



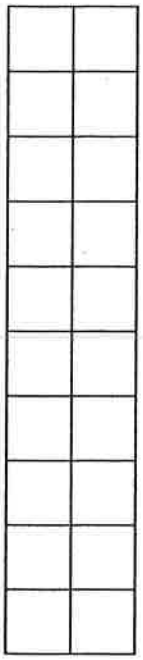
____ + ____ = ____

6 Model 13



____ + ____ = ____

7 Model 11



____ + ____ = ____

8 There is a set of 10 books on a shelf and 5 extra books. How many books are there altogether?

Show the teen number in two different ways.

Check Understanding

Explain what a teen number is.

Name _____

Write the teen number for each model.

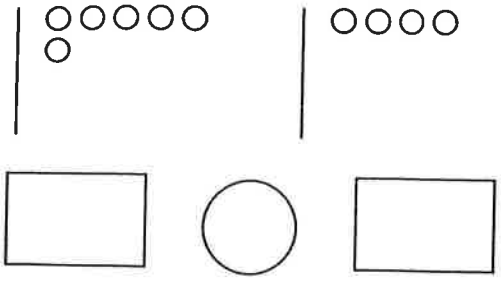
1 | ○○○○○	2 | ○○○	3 | ○○○○○ ○○○
4 | ○○	5 | ○○○○○ ○○○○	6 | ○○○○

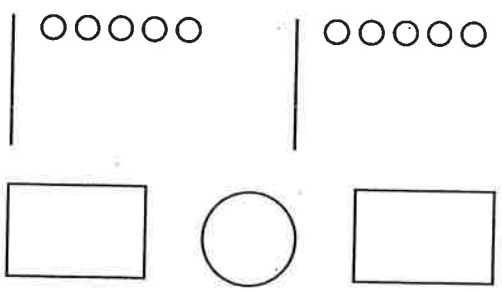
Draw a stick for 10 and circles for ones to represent the teen number.

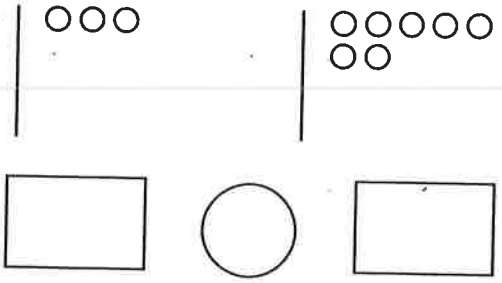
7 Ben buys a package of 10 erasers. He already has 2 erasers. How many erasers does Ben have now?

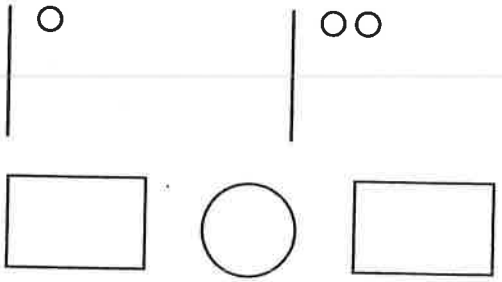
8 Olivia has 16 bottles of water. A box holds 10. Draw a stick and circles to show how many boxes she can fill and how many bottles will be left over.

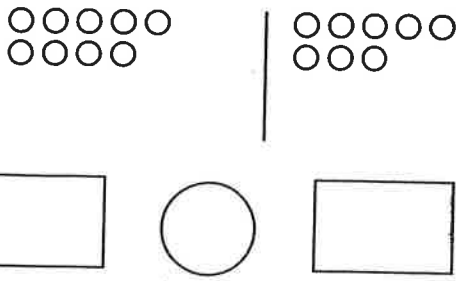
Write the number. Compare the numbers. Use =, <, or >.

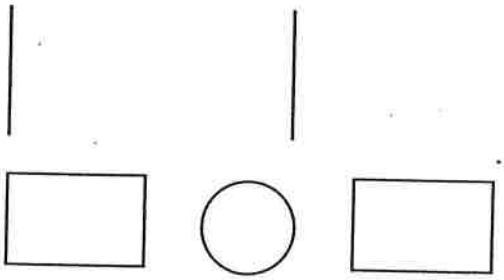
9 

10 

11 

12 

13 

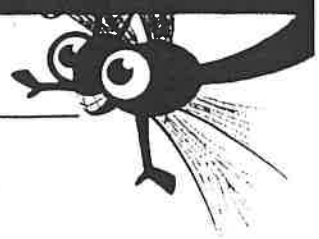
14 

15 Compare the numbers 16 and 12 two different ways. Draw to explain.

Check Understanding

Draw to explain why 15 is greater than 11.

Name _____



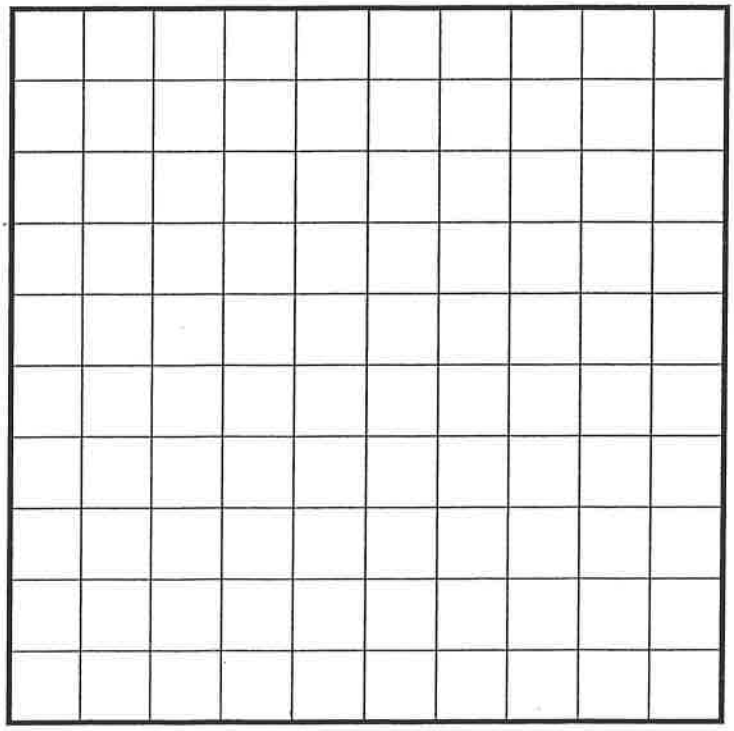
1 Look at what Puzzled Penguin wrote.

$7 + 8 = 10 + \boxed{3}$

$7 + 8 = \boxed{13}$

Am I correct?

2 Help Puzzled Penguin.



$7 + 8 = 10 + \square$

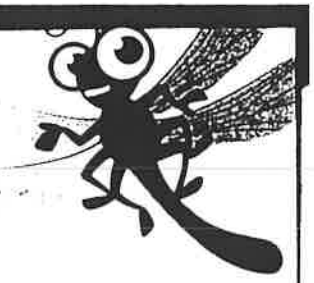
$7 + 8 = \square$

CCSS Content Standards 1.OA.D.8, 1.NBT.B.2.a, 1.NBT.B.2.b
Mathematical Practices MP2, MP3, MP6

5+7=□	6+7=□	9+9=□
8+7=□	9+7=□	3+8=□
4+8=□	5+8=□	6+8=□
7+8=□	8+8=□	9+8=□
3+9=□	4+9=□	5+9=□

$6+9=\square$	$7+9=\square$	$7+4=\square$
$8+4=\square$	$9+4=\square$	$6+5=\square$
$7+5=\square$	$8+5=\square$	$9+5=\square$
$5+6=\square$	$8+9=\square$	$7+6=\square$
$8+6=\square$	$9+6=\square$	$4+7=\square$

Name _____



Find the teen total.

❶ 5 + 9 = ☐	❷ 7 + 5 = ☐
❸ 7 + 4 = ☐	❹ 9 + 6 = ☐
❺ 9 + 8 = ☐	❻ 9 + 9 = ☐
❼ 3 + 9 = ☐	❽ 7 + 8 = ☐
❾ 9 + 4 = ☐	❿ 6 + 5 = ☐
⓫ 8 + 8 = ☐	⓬ 8 + 4 = ☐
⓭ 7 + 6 = ☐	⓮ 9 + 7 = ☐

⓯ Write an equation with a teen total. Draw or explain how making a ten can help you solve your equation.

_____

Find the total.

16 $10 + 9 =$ ☐	17 $9 + 10 =$ ☐
18 $6 + 4 =$ ☐	19 $10 + 3 =$ ☐
20 $10 + 8 =$ ☐	21 $3 + 10 =$ ☐
22 $1 + 9 =$ ☐	23 $10 + 10 =$ ☐

24 Draw or write to explain how you solved Exercise 23.

Check Understanding

Explain how to use the Make a Ten strategy to solve $8 + 6$?

Name _____

VOCABULARY
doubles plus 1
doubles minus 1
doubles plus 2
doubles minus 2

Use doubles to find the total.

1. $5 + 5 =$ ☐
2. $6 + 6 =$ ☐
3. $7 + 7 =$ ☐
4. $8 + 8 =$ ☐
5. $9 + 9 =$ ☐
6. $10 + 10 =$ ☐

Use **doubles plus 1** or **doubles minus 1** to find the total.

7. $4 + 4 = 8$
   $4 + 5 = 8 +$ ____ $=$ ____
8. $8 + 8 = 16$
   $8 + 7 = 16 -$ ____ $=$ ____
9. $5 + 6 =$ ☐
10. $9 + 8 =$ ☐
11. $6 + 7 =$ ☐

Use **doubles plus 2** or **doubles minus 2** to find the total.

12. $4 + 4 = 8$
    $4 + 6 = 8 +$ ____ $=$ ____
13. $8 + 8 = 16$
    $8 + 6 = 16 -$ ____ $=$ ____
14. $7 + 5 =$ ☐
15. $7 + 9 =$ ☐
16. $6 + 8 =$ ☐

Use a double to find the total.

17. $\begin{array}{r} 8 \\ +\ 7 \\ \hline \end{array}$

18. $\begin{array}{r} 10 \\ +\ 8 \\ \hline \end{array}$

19. $\begin{array}{r} 5 \\ +\ 7 \\ \hline \end{array}$

20. $\begin{array}{r} 6 \\ +\ 5 \\ \hline \end{array}$

21. $\begin{array}{r} 8 \\ +\ 9 \\ \hline \end{array}$

22. $\begin{array}{r} 7 \\ +\ 8 \\ \hline \end{array}$

23. $\begin{array}{r} 7 \\ +\ 5 \\ \hline \end{array}$

24. $\begin{array}{r} 7 \\ +\ 6 \\ \hline \end{array}$

25. Write the double you used to solve Exercise 23.

____

PATH to FLUENCY Subtract.

1. $\begin{array}{r} 6 \\ -\ 5 \\ \hline \end{array}$

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

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

4. $\begin{array}{r} 8 \\ -\ 2 \\ \hline \end{array}$

5. $\begin{array}{r} 10 \\ -\ 1 \\ \hline \end{array}$

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

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

8. $\begin{array}{r} 10 \\ -\ 8 \\ \hline \end{array}$

✓ Check Understanding

Write a doubles plus 1 equation for 6 + 6.

____

Unit 4
Quick Quiz 1

Name _____ Date _____

Find the total. Then make a ten.

1. $7 + 5 = \square$

   $10 + \square = \square$

2. $2 + 9 = \square$

   $10 + \square = \square$

Use doubles or doubles plus 1 to find the total.

3. $6 + 6 = \square$

4. $9 + 8 = \square$

5. $8 + 7 = \square$

Fluency Check 8

Name _____ Date _____

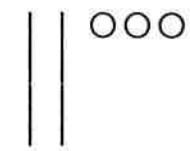
PATH to FLUENCY

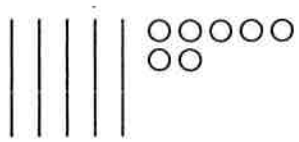
Subtract.

1. $\begin{array}{r} 6 \\ -\ 2 \\ \hline \end{array}$	2. $\begin{array}{r} 8 \\ -\ 1 \\ \hline \end{array}$	3. $\begin{array}{r} 7 \\ -\ 0 \\ \hline \end{array}$
4. $\begin{array}{r} 8 \\ -\ 4 \\ \hline \end{array}$	5. $\begin{array}{r} 7 \\ -\ 3 \\ \hline \end{array}$	6. $\begin{array}{r} 6 \\ -\ 3 \\ \hline \end{array}$
7. $\begin{array}{r} 9 \\ -\ 4 \\ \hline \end{array}$	8. $\begin{array}{r} 6 \\ -\ 5 \\ \hline \end{array}$	9. $\begin{array}{r} 7 \\ -\ 2 \\ \hline \end{array}$
10. $\begin{array}{r} 10 \\ -\ 5 \\ \hline \end{array}$	11. $\begin{array}{r} 9 \\ -\ 6 \\ \hline \end{array}$	12. $\begin{array}{r} 10 \\ -\ 2 \\ \hline \end{array}$
13. $\begin{array}{r} 9 \\ -\ 7 \\ \hline \end{array}$	14. $\begin{array}{r} 10 \\ -\ 9 \\ \hline \end{array}$	15. $\begin{array}{r} 8 \\ -\ 5 \\ \hline \end{array}$

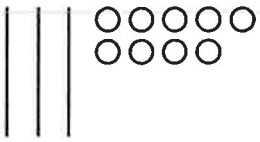
Name _____

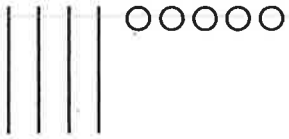
Write the number.

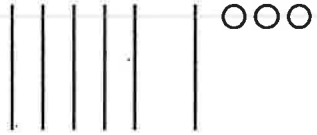
1. 

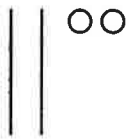
2. 

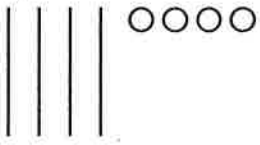
3. 

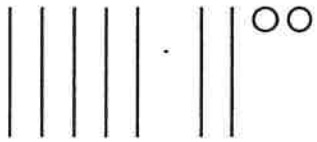
4. 

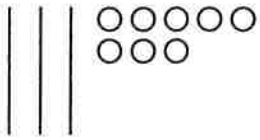
5. 

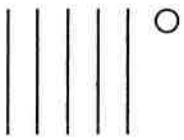
6. 

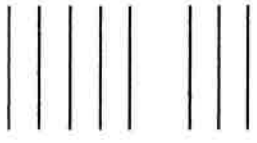
7. 

8. 

9. 

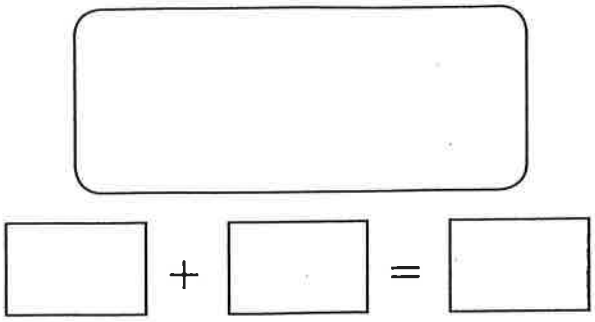
10. 

11. 

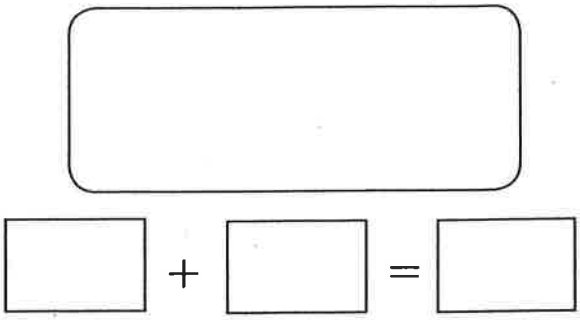
12. 

Draw 10-sticks and circles. Write the equation.

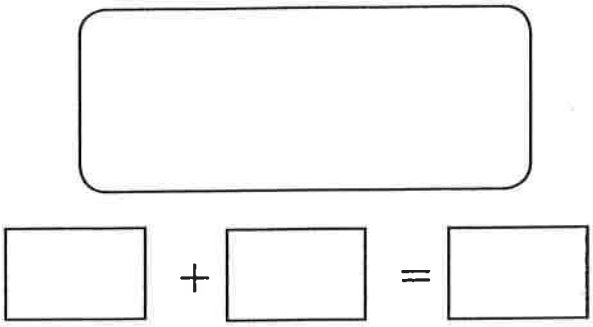
13 32



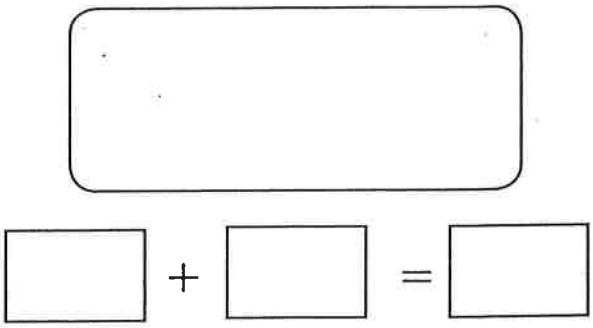
14 68



15 93

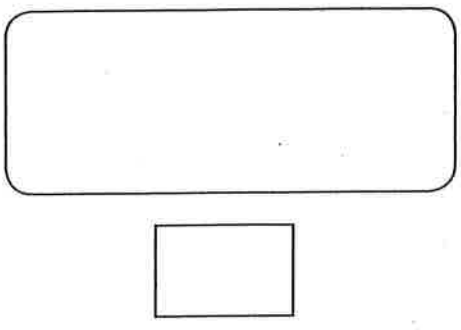


16 77

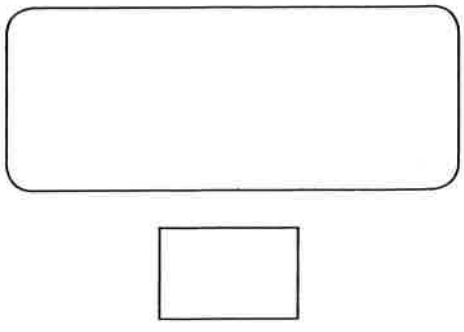


Draw 10-sticks and circles. Write the number.

17 4 tens 8 ones



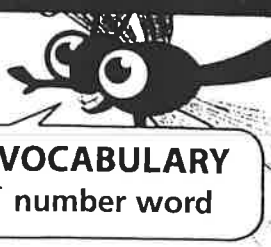
18 8 tens 3 ones



Check Understanding

Draw 10-sticks and circles to show 63.
Write the number of tens and ones.

Name _____



1 one	11 eleven
2 two	12 twelve
3 three	13 thirteen
4 four	14 fourteen
5 five	15 fifteen
6 six	16 sixteen
7 seven	17 seventeen
8 eight	18 eighteen
9 nine	19 nineteen
10 ten	20 twenty

10 ten
20 twenty
30 thirty
40 forty
50 fifty
60 sixty
70 seventy
80 eighty
90 ninety

Write the number.

1	five _____	fifteen _____	fifty _____
2	three _____	thirteen _____	thirty _____
3	two _____	twelve _____	twenty _____
4	sixty _____	sixteen _____	six _____
5	eighteen _____	eighty _____	eight _____

Write the **number word**.

6	4 _____	14 _____	40 _____
7	9 _____	19 _____	90 _____
8	2 _____	12 _____	20 _____
9	1 _____	10 _____	11 _____

1 one	11 eleven
2 two	12 twelve
3 three	13 thirteen
4 four	14 fourteen
5 five	15 fifteen
6 six	16 sixteen
7 seven	17 seventeen
8 eight	18 eighteen
9 nine	19 nineteen
10 ten	20 twenty

10 ten
20 twenty
30 thirty
40 forty
50 fifty
60 sixty
70 seventy
80 eighty
90 ninety

Write the number word.

10 | ○○ _____

11 || _____

12 ||||| _____

13 ○○○○○ _____

14 Write the numbers 1–20.

1									
									20

15 Write the decade numbers 10–90.

10	20							

Check Understanding

Explain how the numbers 2, 12, and 20 are the same and how they are different.

Name _____

Draw 10-sticks and circles.
Write the total.

1. ☐ = 50 + 3

2. ☐ = 70 + 6

3. ☐ = 20 + 9

4. ☐ = 40 + 2

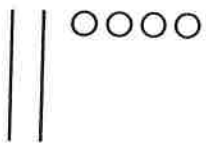
5. ☐ = 30 + 7

6. ☐ = 10 + 8

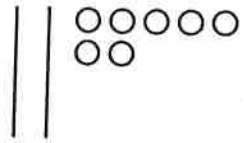
7. ☐ = 90 + 1

8. ☐ = 50 + 5

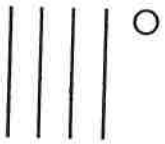
Draw 10-sticks and circles to add.
Write the total.

9 

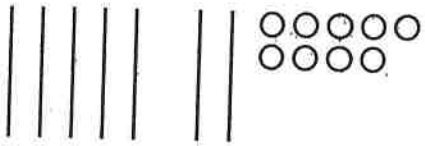
$24 + 3 = \square$

10 

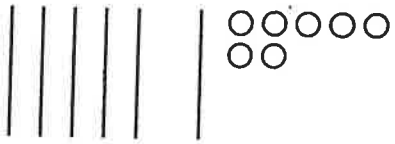
$27 + 6 = \square$

11 

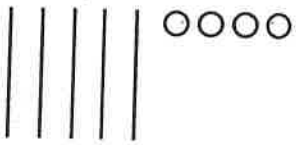
$41 + 5 = \square$

12 

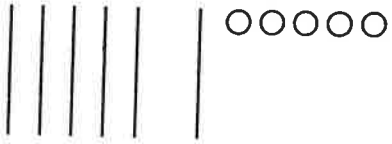
$79 + 5 = \square$

13 

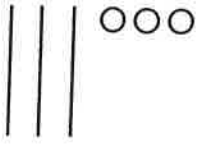
$67 + 2 = \square$

14 

$54 + 4 = \square$

15 

$65 + 6 = \square$

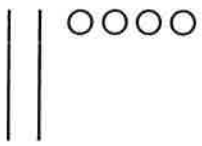
16 

$33 + 7 = \square$

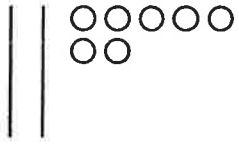
Check Understanding

Explain how to add 29 + 3.

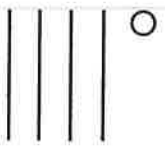
Draw 10-sticks and circles to add.
Write the total.

9 

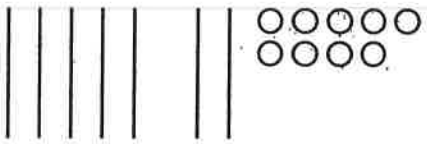
$24 + 3 = \square$

10 

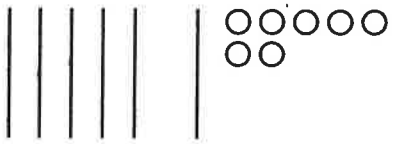
$27 + 6 = \square$

11 

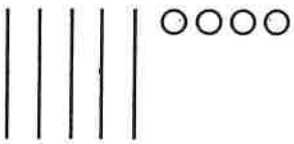
$41 + 5 = \square$

12 

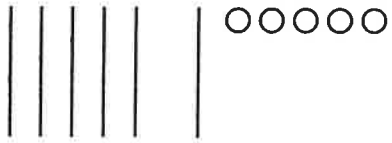
$79 + 5 = \square$

13 

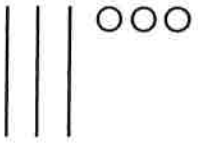
$67 + 2 = \square$

14 

$54 + 4 = \square$

15 

$65 + 6 = \square$

16 

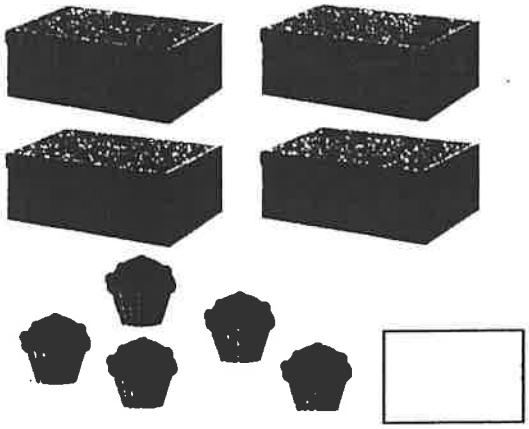
$33 + 7 = \square$

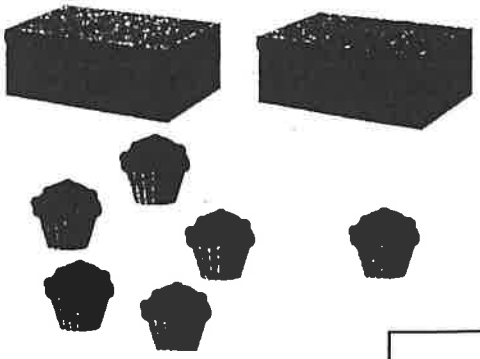
Check Understanding

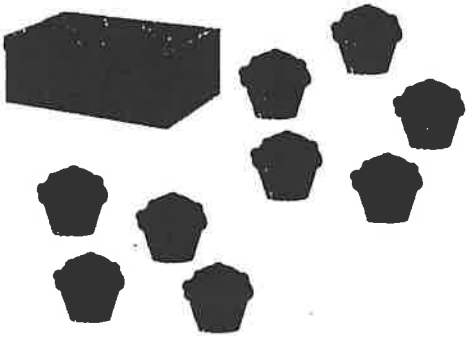
Explain how to add 29 + 3.

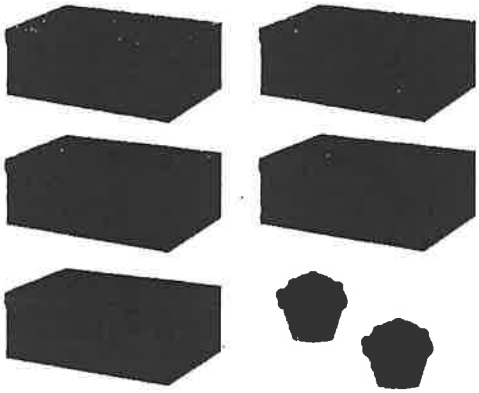
Name _____

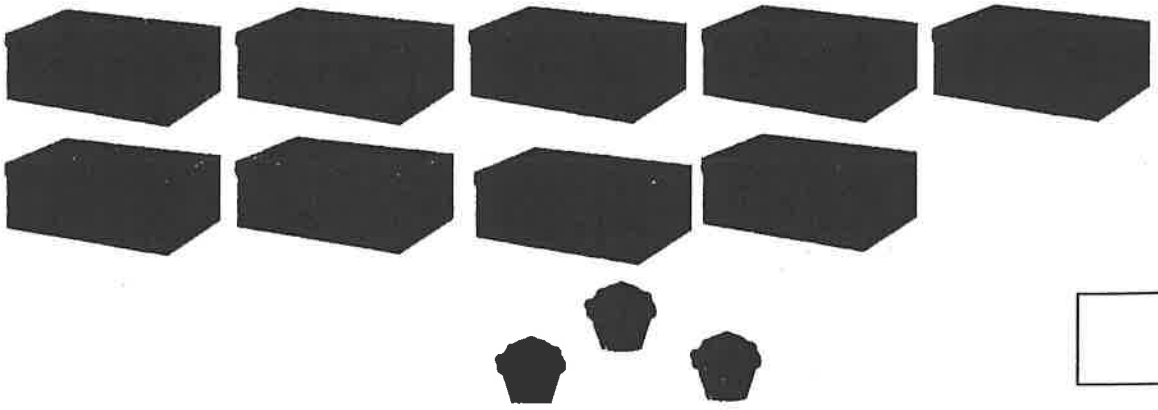
Each box has 10 muffins. How many muffins are there?

1. 

2. 

3. 

4. 

5. 

6. How are 23 and 32 the same? How are they different?

PATH to FLUENCY Add.

1. $3 + 3 = \square$
2. $4 + 5 = \square$
3. $1 + 5 = \square$
4. $3 + 7 = \square$
5. $8 + 0 = \square$
6. $2 + 5 = \square$
7. $\square = 5 + 2$
8. $\square = 7 + 1$
9. $\square = 5 + 5$
10. $\square = 1 + 6$
11. $\square = 7 + 3$
12. $\square = 5 + 3$

PATH to FLUENCY Find the unknown number.

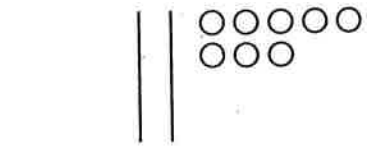
13. $2 + \square = 9$
14. $6 + \square = 10$
15. $4 + \square = 7$
16. $8 + \square = 10$
17. $3 + \square = 8$
18. $1 + \square = 10$
19. $\square + 3 = 9$
20. $\square + 6 = 8$
21. $\square + 8 = 9$
22. $\square + 6 = 6$
23. $\square + 4 = 7$
24. $\square + 2 = 9$

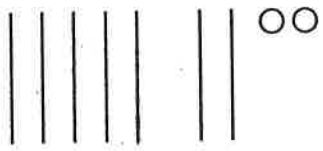
Check Understanding

Explain how to use tens and ones to find 43 + 6.

Name _____

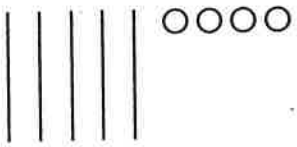
Write the number of tens and ones.
Write the number.

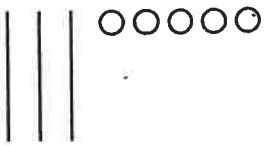
1. 
___ tens ___ ones
□

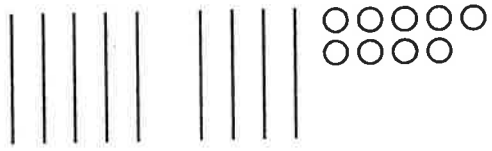
2. 
___ tens ___ ones
□

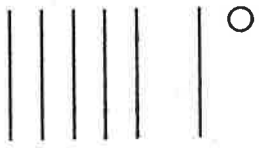
3. 
___ tens ___ ones
□

4. 
___ tens ___ ones
□

5. 
___ tens ___ ones
□

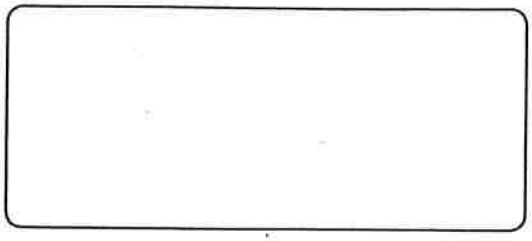
6. 
___ tens ___ ones
□

7. 
___ tens ___ ones
□

8. 
___ tens ___ ones
□

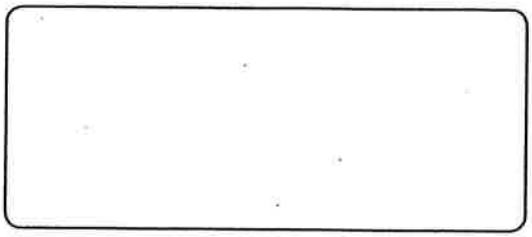
Draw 10-sticks and circles.
Write the number of tens and ones.

9 75



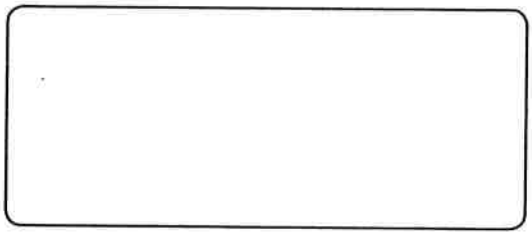
___ tens ___ ones

10 90



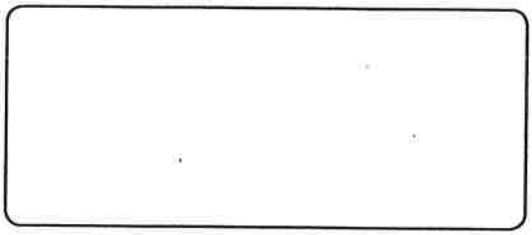
___ tens ___ ones

11 41



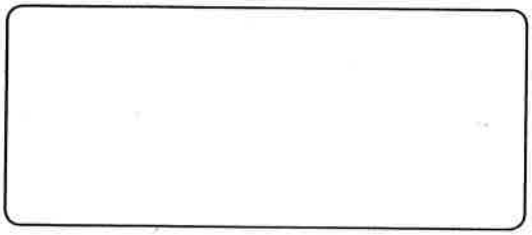
___ tens ___ ones

12 59



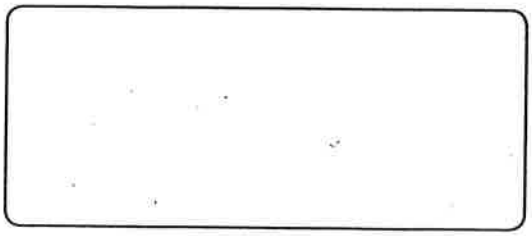
___ tens ___ ones

13 26



___ tens ___ ones

14 88



___ tens ___ ones

Check Understanding

Draw 10-sticks and circles for a 2-digit number that has 7 tens and another 2-digit number that has 7 ones.

Name _____

VOCABULARY
compare

Compare the numbers. Write >, <, or =.

1. 
30 ◯ 25

2. 
23 ◯ 28

3. 70 ◯ 80

4. 60 ◯ 59

5. 76 ◯ 67

6. 24 ◯ 84

7. 37 ◯ 37

8. 48 ◯ 50

9. 56 ◯ 56

10. 17 ◯ 42

11. 99 ◯ 33

Compare the numbers two ways.
Write the numbers.

12. Compare 53 and 54.

_____ ◯ _____

_____ ◯ _____

13. Compare 80 and 79.

_____ ◯ _____

_____ ◯ _____

14. Compare 49 and 94.

_____ ◯ _____

_____ ◯ _____

15. Compare 36 and 32.

_____ ◯ _____

_____ ◯ _____

Write to compare the numbers.

16 Compare 39 and 40.

_____ ◯ _____

17 Compare 86 and 68.

_____ ◯ _____

18 Compare 95 and 91.

_____ ◯ _____

19 Compare 72 and 72.

_____ ◯ _____

20 Compare 20 and 10.

_____ ◯ _____

21 Compare 60 and 16.

_____ ◯ _____

22 Look at what Puzzled Penguin wrote.

29 > 36

23 Help Puzzled Penguin.

29 ◯ 36

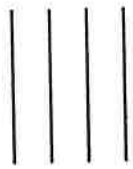
✓ **Check Understanding**

Compare 26 and 62. _____ ◯ _____

Unit 4
Quick Quiz 2

Name _____ Date _____

Write the numbers.

1 

_____ tens _____ ones = _____

2 

_____ tens _____ ones = _____

Compare the numbers. Write >, <, or =.

3 63 ◯ 73

4 42 ◯ 24

5 20 ◯ 20

Fluency Check 9

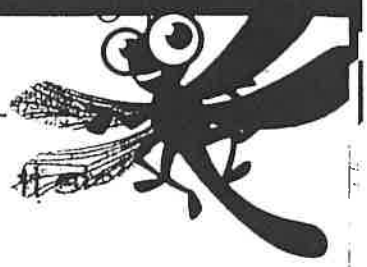
Name _____ Date _____

PATH to FLUENCY

Find the unknown partner or total.

1. $3 + 3 = \square$
2. $2 + 4 = \square$
3. $5 + 3 = \square$
4. $3 + 4 = \square$
5. $8 + 1 = \square$
6. $2 + 5 = \square$
7. $4 + \square = 6$
8. $7 + \square = 9$
9. $1 + \square = 7$
10. $4 + \square = 8$
11. $8 + \square = 10$
12. $3 + \square = 10$
13. $\square + 3 = 9$
14. $\square + 5 = 8$
15. $\square + 4 = 10$

Name _____



Write the totals.

1 $4 + 4 =$ ☐ $40 + 40 =$ ☐	2 $6 + 3 =$ ☐ $60 + 30 =$ ☐
3 $2 + 3 =$ ☐ $20 + 30 =$ ☐	4 $1 + 7 =$ ☐ $10 + 70 =$ ☐
5 $5 + 2 =$ ☐ $50 + 20 =$ ☐	6 $3 + 3 =$ ☐ $30 + 30 =$ ☐
7 $7 + 2 =$ ☐ $70 + 20 =$ ☐	8 $2 + 2 =$ ☐ $20 + 20 =$ ☐

9 Use 10-sticks and circles to solve.

$4 + 5 =$ ☐

$40 + 50 =$ ☐

Explain how the totals are different.

_____

_____

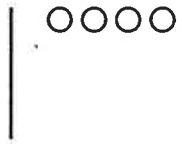
_____

_____

_____

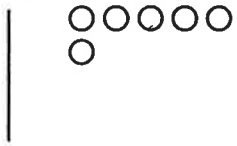
Complete the equation.
Draw a 10-stick or a circle to solve for the total.

10 14



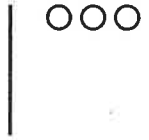
☐ + 1 = ☐

11 16



☐ + 10 = ☐

12 13

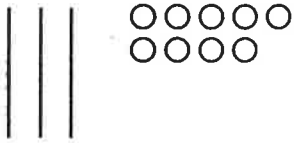


☐ + 1 = ☐

13 23

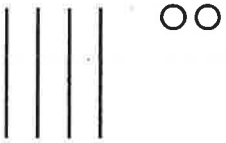
☐ + 1 = ☐

14 39



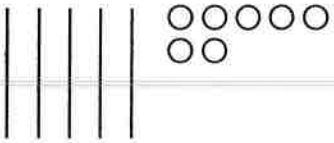
☐ + 10 = ☐

15 42



☐ + 10 = ☐

16 57



☐ + 1 = ☐

Check Understanding

Explain if the total of 58 + 10 will be 59 or 68.

Name _____

Solve.

1. $3 + 6 =$ _____
   $30 + 60 =$ _____
   $30 + 6 =$ _____

2. $4 + 5 =$ _____
   $40 + 50 =$ _____
   $40 + 5 =$ _____

3. $2 + 4 =$ _____
   $20 + 40 =$ _____
   $20 + 4 =$ _____

4. $5 + 2 =$ _____
   $50 + 20 =$ _____
   $50 + 2 =$ _____

5. $7 + 2 =$ _____
   $70 + 20 =$ _____
   $70 + 2 =$ _____

6. $4 + 1 =$ _____
   $40 + 10 =$ _____
   $40 + 1 =$ _____

7. $3 + 2 =$ _____
   $30 + 20 =$ _____
   $30 + 2 =$ _____

8. $1 + 8 =$ _____
   $10 + 80 =$ _____
   $10 + 8 =$ _____

Complete the set of equations to follow the same rules as each set above. Then solve.

9. $3 + 5 =$ _____
   $30 +$ _____ $=$ _____
   $30 +$ _____ $=$ _____

10. $4 + 3 =$ _____
    $40 +$ _____ $=$ _____
    $40 +$ _____ $=$ _____

Find the unknown numbers to complete the set of equations.

⓫ $2 + \_\_\_\_ = 5$

$20 + 30 = \_\_\_\_$

$20 + \_\_\_\_ = 23$

⓬ $4 + \_\_\_\_ = 8$

$\_\_\_\_ + 40 = 80$

$40 + 4 = \_\_\_\_$

⓭ $\_\_\_\_ + 2 = 6$

$40 + \_\_\_\_ = 60$

$\_\_\_\_ + 2 = 42$

⓮ $\_\_\_\_ + 7 = 8$

$10 + \_\_\_\_ = 80$

$10 + 7 = \_\_\_\_$

⓯ Look at what Puzzled Penguin wrote.

$50 + 4 = 90$

⓰ Help Puzzled Penguin.

$50 + 4 = \square$

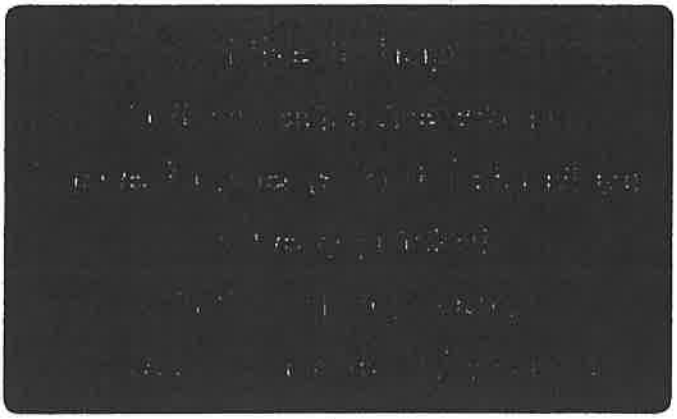
Check Understanding

Write tens, ones, or both to add the numbers.

$40 + 30$ adding _____ $40 + 3$ adding _____

Name _____

Here is a riddle.



Find the total. Use any method.

1. 46 + 5 = ☐ O
2. 40 + 2 = ☐ O
3. 12 + 7 = ☐ K
4. 29 + 5 = ☐ R
5. 64 + 6 = ☐ A
6. 20 + 9 = ☐ A
7. 27 + 5 = ☐ G
8. 89 + 2 = ☐ N

Who am I? Write the letter for each total.

19	70	91	32	29	34	42	51

PATH to FLUENCY Add.

1. $4 + 5 = \square$
2. $0 + 7 = \square$
3. $7 + 3 = \square$
4. $1 + 6 = \square$
5. $6 + 2 = \square$
6. $4 + 2 = \square$
7. $\square = 7 + 1$
8. $\square = 3 + 6$
9. $\square = 7 + 2$
10. $\square = 6 + 4$
11. $\square = 2 + 4$
12. $\square = 4 + 3$

PATH to FLUENCY Find the unknown number.

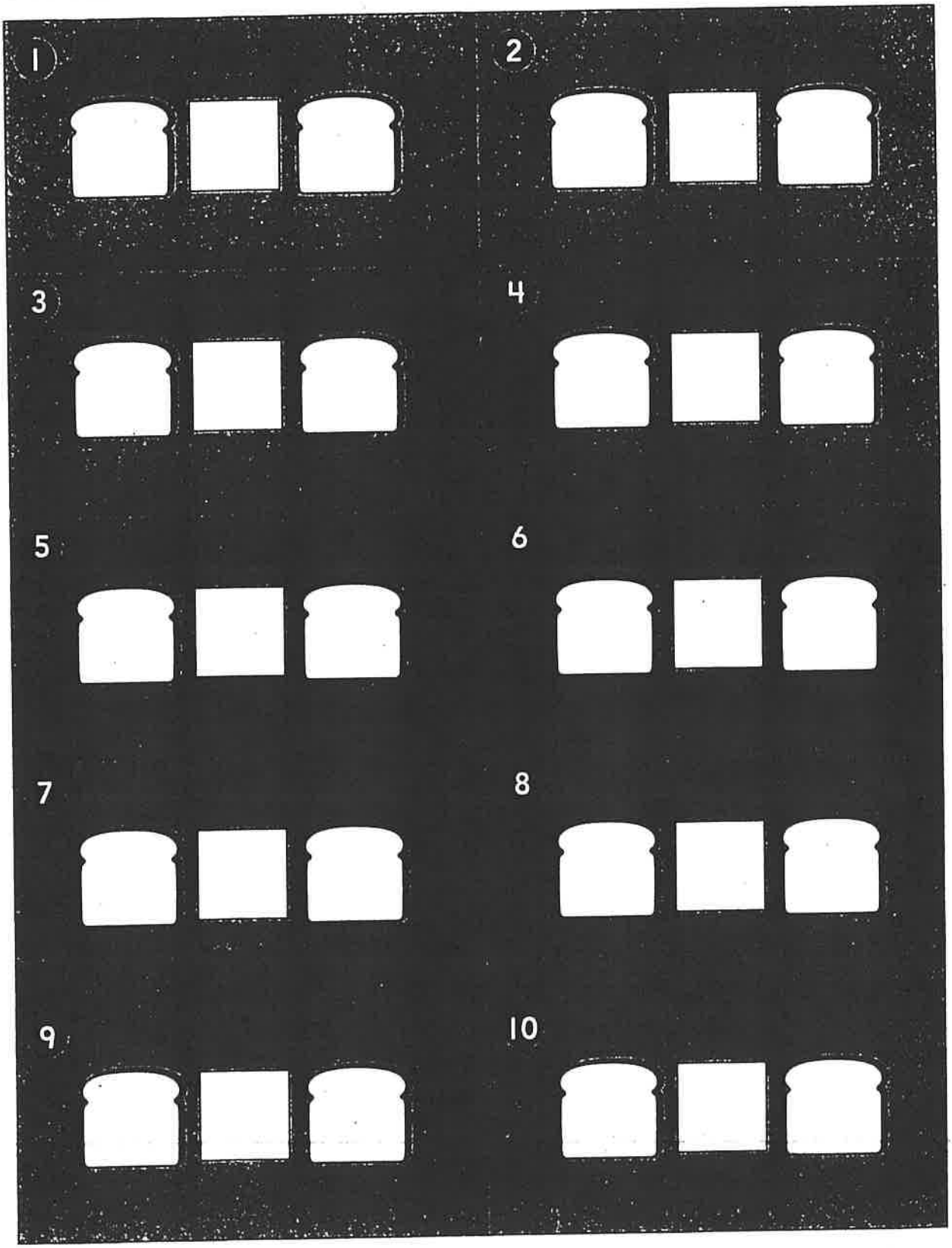
13. $1 + \square = 8$
14. $3 + \square = 7$
15. $5 + \square = 8$
16. $8 + \square = 10$
17. $4 + \square = 8$
18. $9 + \square = 9$
19. $\square + 1 = 6$
20. $\square + 4 = 9$
21. $\square + 7 = 10$
22. $\square + 8 = 9$
23. $\square + 5 = 8$
24. $\square + 8 = 10$

Check Understanding

Explain how to count on to find 28 + 3.

Name _____

Use this sandwich sheet when you play The Sandwich Game.



Find the total. Use any method.

⓫ 29 + 3 = ☐

⓬ 11 + 8 = ☐

⓭ 67 + 4 = ☐

⓮ 33 + 9 = ☐

⓯ 96 + 3 = ☐

⓰ 46 + 4 = ☐

⓱ 12 + 8 = ☐

⓲ 71 + 5 = ☐

Compare. Write >, <, or =.

⓳ 26 ◯ 62

⓴ 80 ◯ 79

㉑ 18 ◯ 38

㉒ 65 ◯ 65

㉓ 97 ◯ 94

㉔ 45 ◯ 53

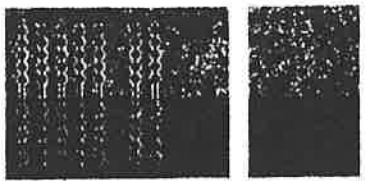
Check Understanding

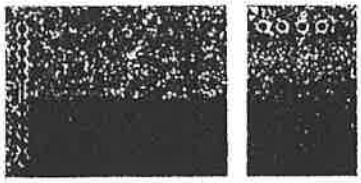
Compare 61 and 57.

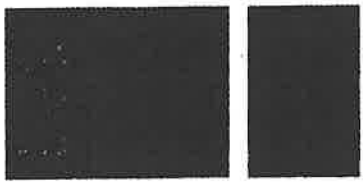
Write the number that is greater. _____

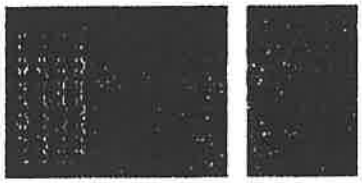
Name _____

Write the number.

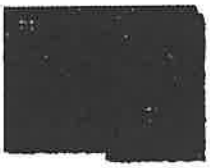
1. 

2. 

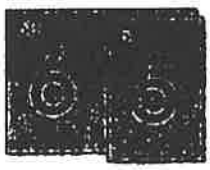
3. 

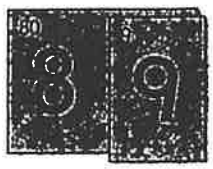
4. 

Draw 10-sticks and circles to show the number.

5. 

6. 

7. 

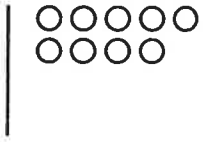
8. 

Draw 10-sticks and circles to count on.
Write the total.

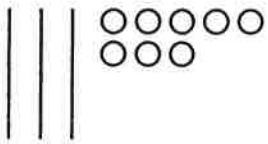
9 Count on 4.

10 Count on 3.

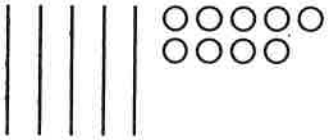
11 Count on 6.



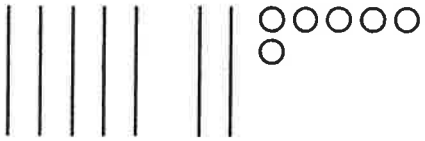
12 Count on 2.



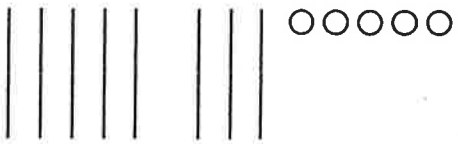
13 Count on 5.



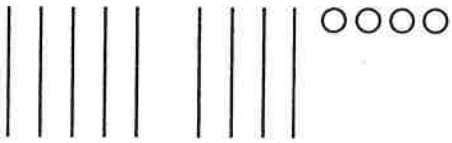
14 Count on 4.



15 Count on 6.



16 Count on 4.



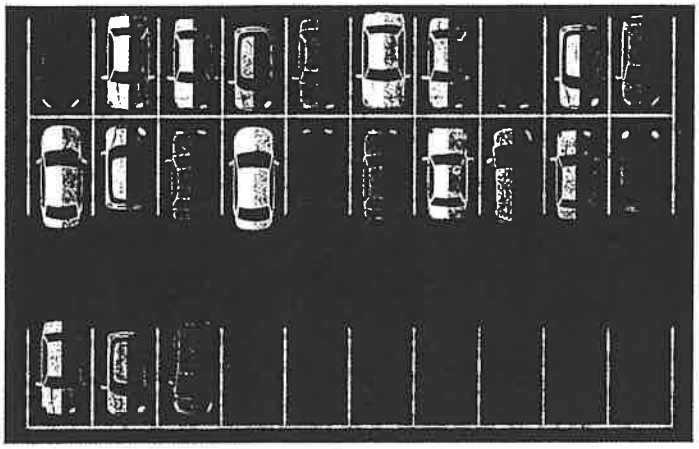
✓ Check Understanding

Write the total for 38 + 4.

Name _____

Linda and her family go to a show.

1. 10 cars can park in each row.

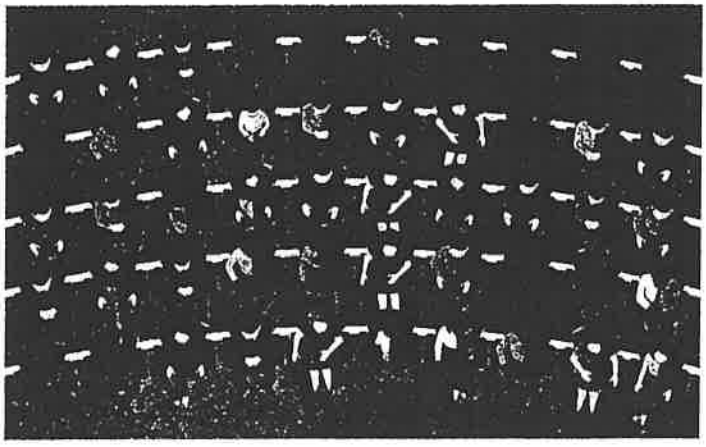


How many cars are there?

_____ tens _____ ones = _____ cars

---

2. 10 people can sit in each row.

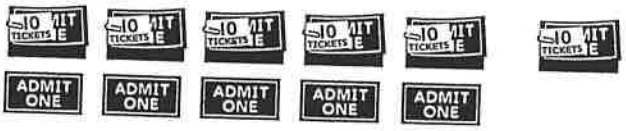
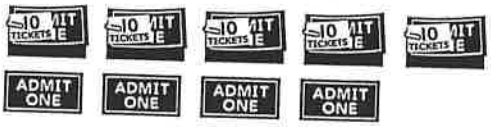
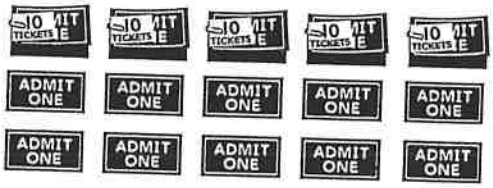


How many people are there?

_____ tens _____ ones = _____ people

Show tickets were sold on Friday, Saturday, and Sunday.

3 Write the number of tickets sold each day.

Friday	 ____ tens ____ ones = ____ tickets
Saturday	 ____ tens ____ ones = ____ tickets
Sunday	 ____ tens ____ ones = ____ tickets

Compare the number of tickets sold.
Use >, <, or =.

4 Friday ☐ ○ ☐ Saturday

5 Friday ☐ ○ ☐ Sunday

6 Saturday ☐ ○ ☐ Sunday

7 Sunday ☐ ○ ☐ Saturday

Unit 4
Quick Quiz 3

Name _____ Date _____

Add.

1. $20 + 50 = \square$

2. $60 + 3 = \square$

Find the total.

3. $44 + 3 = \square$

4. $72 + 9 = \square$

Solve the story problem. **Show your work.**

5. Cindy has 56 stamps.
She buys 4 more stamps.
How many stamps does she have now?

$\square$ _____
label

Fluency Check 10

Name _____ Date _____

PATH to FLUENCY

Find the unknown partner or total.

1. $5 + 2 = \square$
2. $1 + 5 = \square$
3. $2 + 4 = \square$
4. $5 + 4 = \square$
5. $2 + 6 = \square$
6. $5 + 5 = \square$
7. $1 + \square = 7$
8. $4 + \square = 6$
9. $0 + \square = 8$
10. $6 + \square = 9$
11. $2 + \square = 8$
12. $9 + \square = 10$
13. $\square + 3 = 6$
14. $\square + 0 = 9$
15. $\square + 7 = 8$