

EUREKA MATH

A STORY OF UNITS



Mathematics Curriculum



Grade 1 • MODULE 4

Place Value, Comparison, Addition and Subtraction to 40

Homework

Info for parents: <http://bit.ly/eureka-math>

Video tutorials: <http://embarc.online>

Version 3



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GRADE 1 • MODULE 4

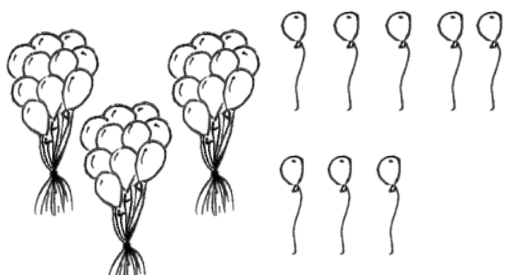
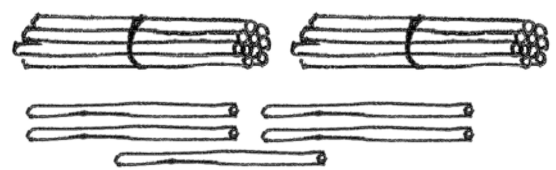
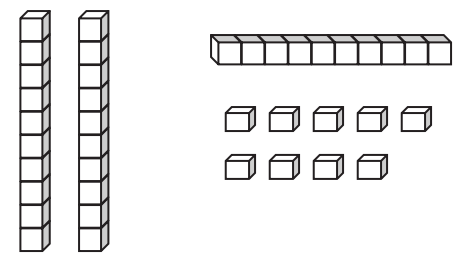
Place Value, Comparison, Addition and Subtraction to 40

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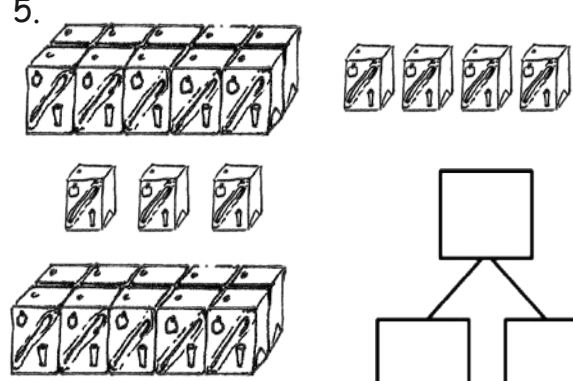
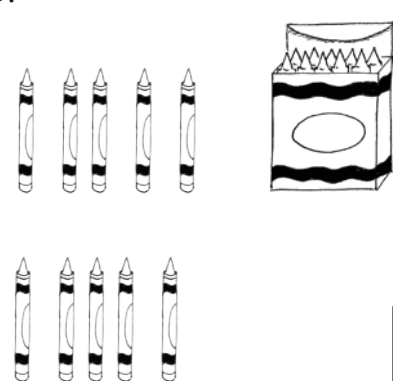
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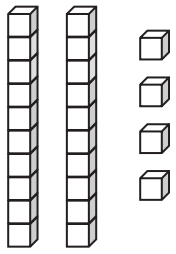
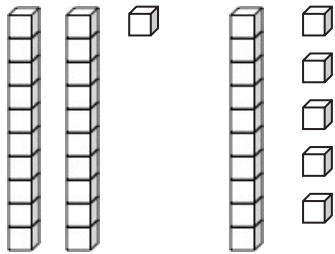
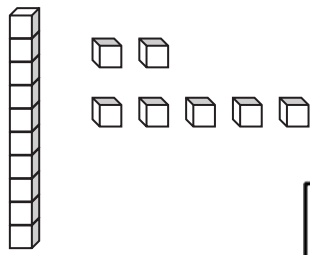
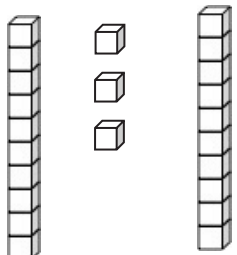
Circle groups of 10. Write the number to show the total amount of objects.

1.  There are _____ marbles.	2.  There are _____ balloons.
3.  There are _____ straws.	4.  There are _____ cubes.

Make a number bond to show tens and ones. Circle tens to help. Write the number to show the total amount of objects.

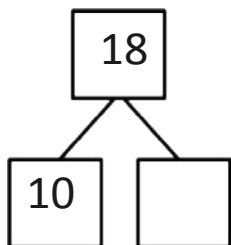
5.  There are _____ juice boxes.	6.  There are _____ crayons.
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Make a number bond to show tens and ones. Circle tens to help. Write the number to show the total amount of objects.

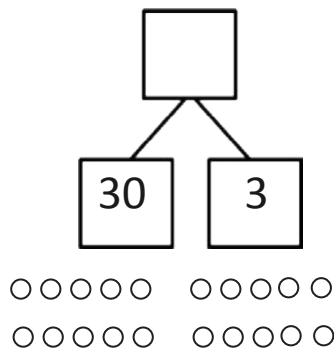
7.  There are _____ cubes.	8.  There are _____ cubes.
9.  There are _____ cubes.	10.  There are _____ cubes.

Make or complete a math drawing to show tens and ones. Complete the number bonds.

11.



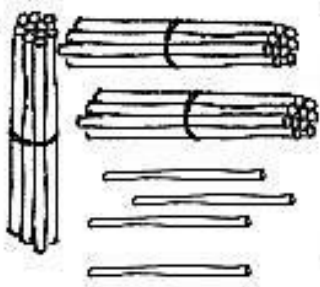
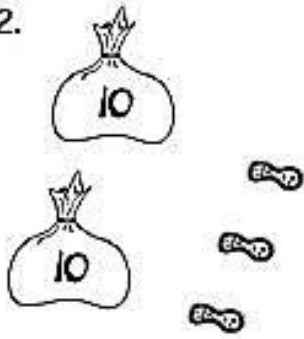
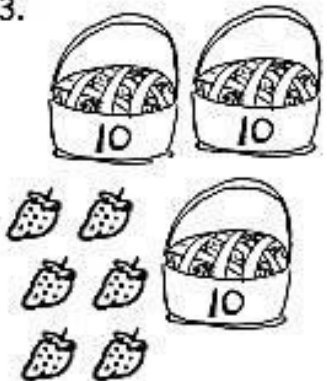
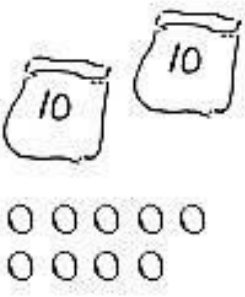
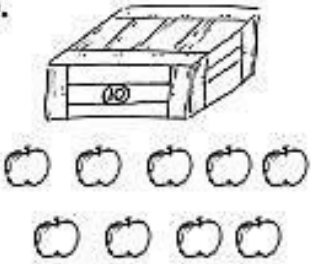
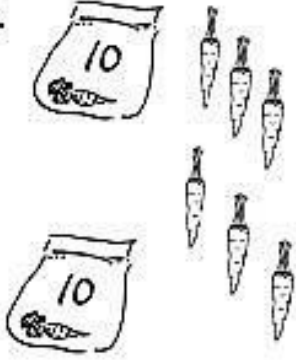
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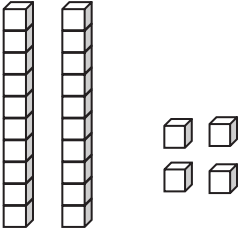
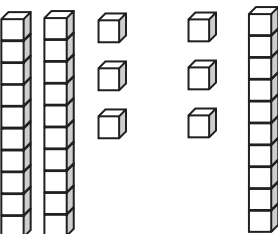
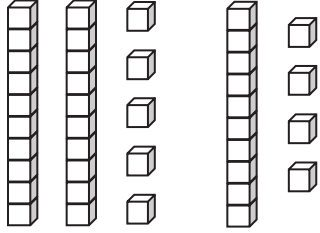
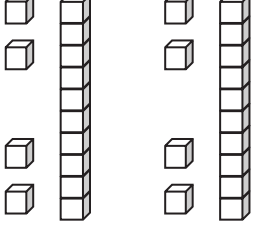
Name _____

Date _____

Write the tens and ones and complete the statement.

1.  <table border="1" data-bbox="495 430 738 682"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> There are _____ straws.	tens	ones			2.  <table border="1" data-bbox="1144 430 1388 682"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> There are _____ peanuts.	tens	ones		
tens	ones								
tens	ones								
3.  <table border="1" data-bbox="495 934 738 1186"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> There are _____ strawberries.	tens	ones			4.  <table border="1" data-bbox="1144 934 1388 1186"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> There are _____ beads.	tens	ones		
tens	ones								
tens	ones								
5.  <table border="1" data-bbox="495 1417 738 1669"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> There are _____ apples.	tens	ones			6.  <table border="1" data-bbox="1144 1417 1388 1669"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> There are _____ carrots.	tens	ones		
tens	ones								
tens	ones								

Write the tens and ones. Complete the statement.

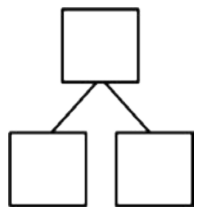
7.  <table border="1" style="float: right; margin-left: 20px;"> <thead> <tr> <th style="padding: 2px;">tens</th> <th style="padding: 2px;">ones</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> </tbody> </table> There are _____ cubes.	tens	ones			8.  <table border="1" style="float: right; margin-left: 20px;"> <thead> <tr> <th style="padding: 2px;">tens</th> <th style="padding: 2px;">ones</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> </tbody> </table> There are _____ cubes.	tens	ones		
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tens	ones								
tens	ones								

Write the missing numbers. Say them the regular way and the Say Ten Way.

11. <table border="1" style="float: left; margin-right: 20px;"> <thead> <tr> <th style="padding: 2px;">tens</th> <th style="padding: 2px;">ones</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> </tbody> </table> ➡ 23	tens	ones			12. <table border="1" style="float: left; margin-right: 20px;"> <thead> <tr> <th style="padding: 2px;">tens</th> <th style="padding: 2px;">ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: middle;">3</td> <td style="text-align: center; vertical-align: middle;">2</td> </tr> </tbody> </table> ➡	tens	ones	3	2
tens	ones								
tens	ones								
3	2								
13. <table border="1" style="float: left; margin-right: 20px;"> <thead> <tr> <th style="padding: 2px;">tens</th> <th style="padding: 2px;">ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: middle;">0</td> <td style="text-align: center; vertical-align: middle;">9</td> </tr> </tbody> </table> ➡	tens	ones	0	9	14. <table border="1" style="float: left; margin-right: 20px;"> <thead> <tr> <th style="padding: 2px;">tens</th> <th style="padding: 2px;">ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: middle;">4</td> <td style="text-align: center; vertical-align: middle;">0</td> </tr> </tbody> </table> ➡	tens	ones	4	0
tens	ones								
0	9								
tens	ones								
4	0								

15. Choose a number less than 40. Make a math drawing to represent it and fill in the number bond and place value chart.

tens	ones

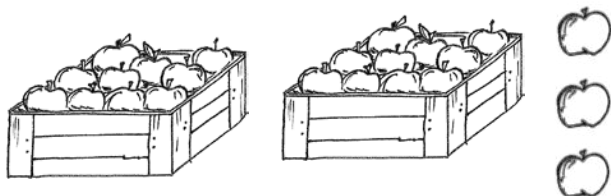


Name _____

Date _____

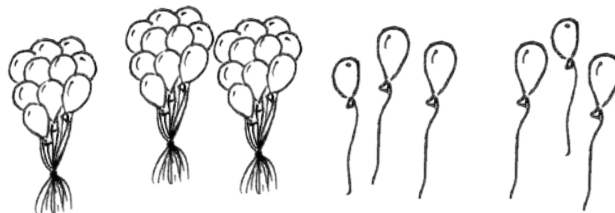
Count as many tens as you can. Complete each statement. Say the numbers and the sentences.

1.



_____ tens _____ ones is the same as
_____ ones.

2.



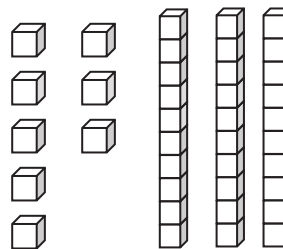
_____ tens _____ ones is the same
as _____ ones.

3.



_____ tens _____ ones is the same as
_____ ones.

4.



_____ tens _____ ones is the same
as _____ ones.

Fill in the missing numbers.

5.



tens	ones
2	9



_____ ones

6. 34 → _____ tens _____ ones → _____ ones

7. _____ →

tens	ones
3	8

 → _____ ones

8. _____ → 9 ones 3 tens → _____ ones

9. _____ → _____ ones _____ tens → 40 ones

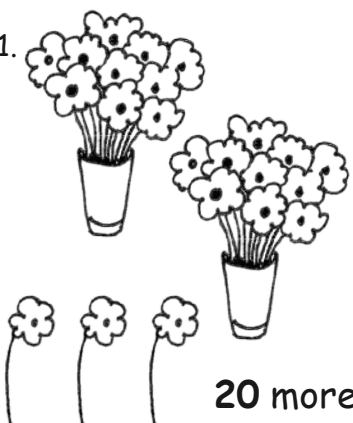
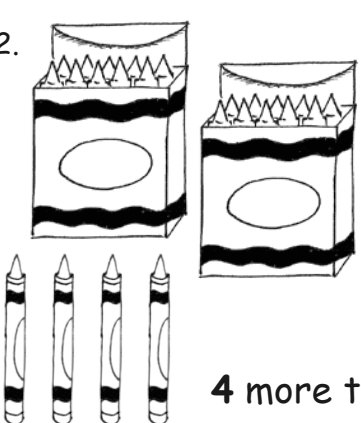
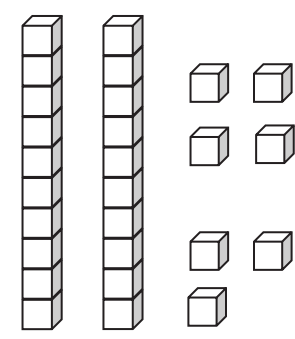
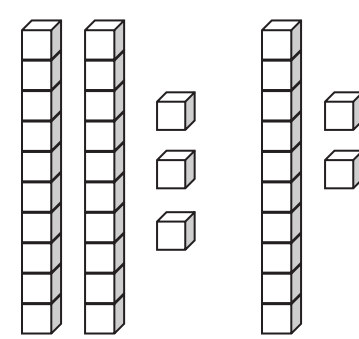
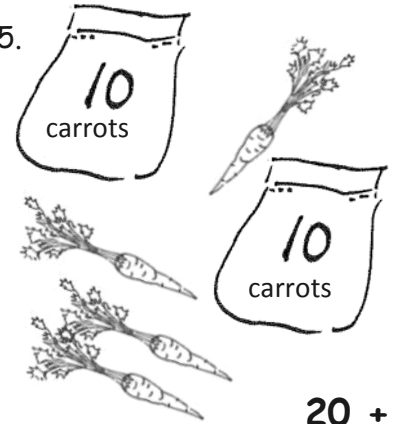
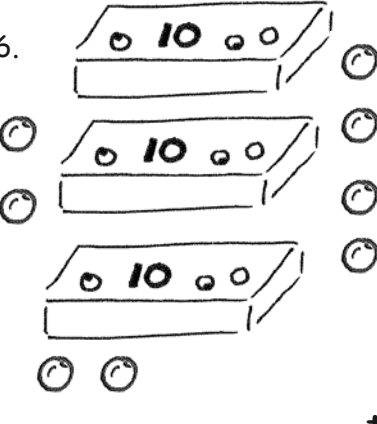
10. Choose at least one number less than 40. Draw the number in 3 ways:

As grapes:	In a number bond:	In the place value chart:				
		<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="height: 80px;"></td> <td style="height: 80px;"></td> </tr> </table>	tens	ones		
tens	ones					

Name _____

Date _____

Fill in the number bond or write the tens and ones. Complete the addition sentences.

1.  $3 + 20 = \underline{\quad}$ 20 more than 3 is $\underline{\quad}$	2.  $20 + 4 = \underline{\quad}$ 4 more than 20 is $\underline{\quad}$								
3.  <table border="1" style="float: right;"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> </tbody> </table> $7 + 20 = \underline{\quad}$	tens	ones			4.  <table border="1" style="float: right;"> <thead> <tr> <th>tens</th> <th>ones</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> </tbody> </table> $\underline{\quad} + 30 = \underline{\quad}$	tens	ones		
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tens	ones								
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tens	ones								
tens	ones								

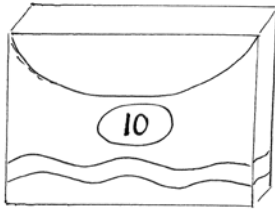
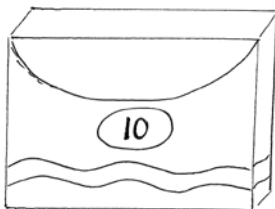
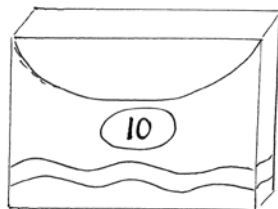
Match the pictures with the words.

7.



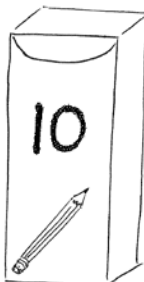
1 and 30 make _____.

8.



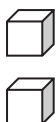
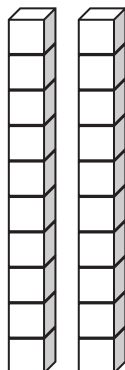
$8 + 30 =$ _____.

9.



2 more than 10 is _____.

10.



$20 + 4 =$ _____.

Name _____ Date _____

Draw quick tens and ones to show the number. Then, draw 1 more or 10 more.

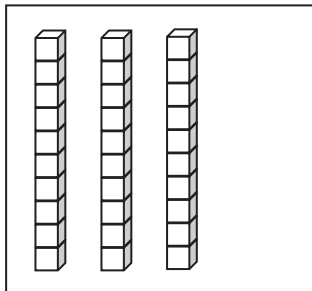
1. 1 more than 38 is _____.	2. 10 more than 38 is _____.
3. 1 more than 35 is _____.	4. 10 more than 35 is _____.

Draw quick tens and ones to show the number. Cross off (x) to show 1 less or 10 less.

5. 10 less than 23 is _____.	6. 1 less than 23 is _____.
7. 10 less than 31 is _____.	8. 1 less than 31 is _____.

Match the words to the picture that shows the right amount.

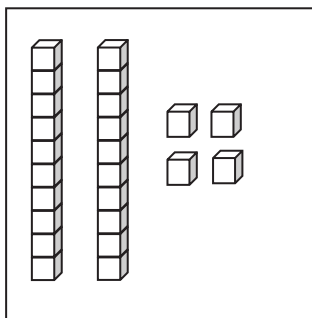
9.



●

● 1 less than 30.

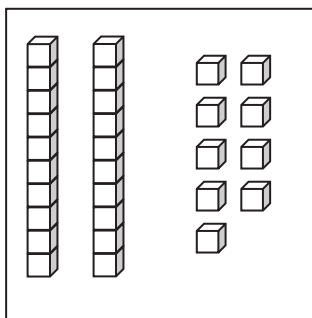
10.



●

● 1 more than 23 is 24.

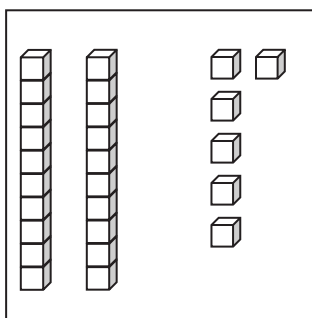
11.



●

● 10 less than 36.

12.



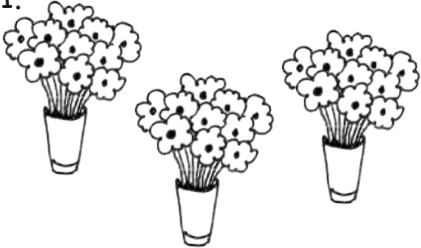
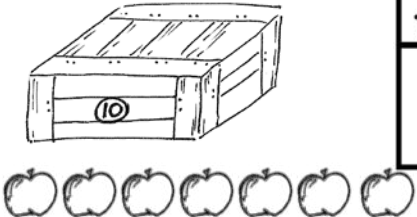
●

● 10 more than 20.

Name _____

Date _____

Fill in the place value chart and the blanks.

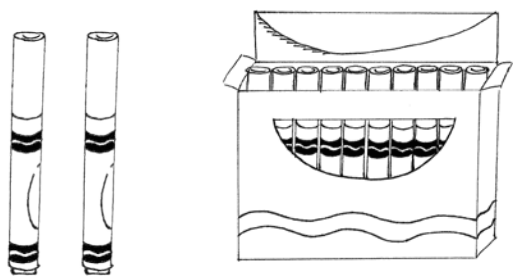
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tens	ones								
tens	ones								
3.  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">dimes</th> <th style="padding: 5px;">pennies</th> </tr> </thead> <tbody> <tr> <td style="height: 60px; width: 60px;"></td> <td style="height: 60px; width: 60px;"></td> </tr> </tbody> </table> $\underline{\hspace{2cm}} = 2 \text{ tens } 2 \text{ ones}$	dimes	pennies			4.  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">dimes</th> <th style="padding: 5px;">pennies</th> </tr> </thead> <tbody> <tr> <td style="height: 60px; width: 60px;"></td> <td style="height: 60px; width: 60px;"></td> </tr> </tbody> </table> $\underline{\hspace{2cm}} = 3 \text{ tens } 3 \text{ ones}$	dimes	pennies		
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dimes	pennies								
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dimes	pennies								
dimes	pennies								
7.  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">tens</th> <th style="padding: 5px;">ones</th> </tr> </thead> <tbody> <tr> <td style="height: 60px; width: 60px;"></td> <td style="height: 60px; width: 60px;"></td> </tr> </tbody> </table> $\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ ten } \underline{\hspace{2cm}} \text{ ones}$	tens	ones			8.  <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">tens</th> <th style="padding: 5px;">ones</th> </tr> </thead> <tbody> <tr> <td style="height: 60px; width: 60px;"></td> <td style="height: 60px; width: 60px;"></td> </tr> </tbody> </table> $\underline{\hspace{2cm}} \text{ tens } \underline{\hspace{2cm}} \text{ ones} = \underline{\hspace{2cm}}$	tens	ones		
tens	ones								
tens	ones								



10 more than 25 is 35

Fill in the blank. Draw or cross off tens or ones as needed.

9.



1 more than 12 is _____.

10.



10 more than 3 is _____.

11.



10 more than 22 is _____.

12.



1 more than 22 is _____.

13.



1 less than 39 is _____.

14.



10 less than 39 is _____.

15.



10 less than 33 is _____.

16.

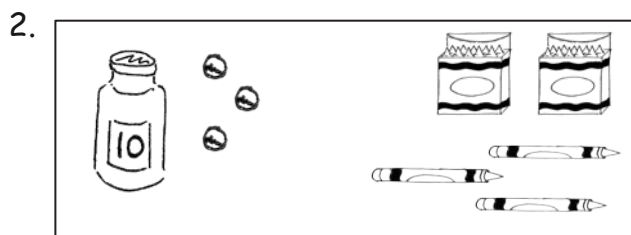
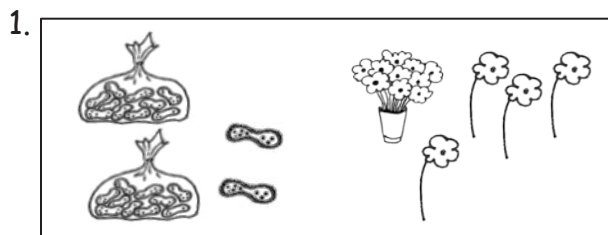


1 less than 33 is _____.

Name _____

Date _____

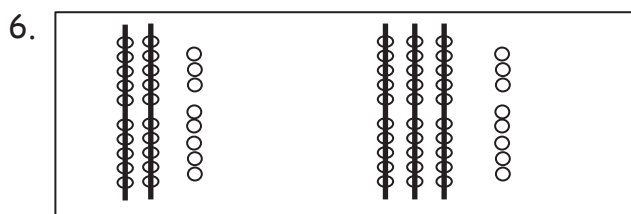
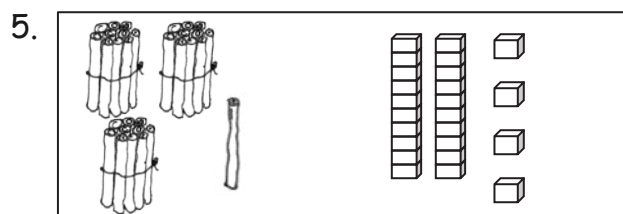
Write the number, and circle the set that is *greater* in each pair. Say a statement to compare the two sets.



Circle the number that is *greater* for each pair.



Write the number, and circle the set that is *less* in each pair. Say a statement to compare the two sets.



Circle the number that is *less* for each pair.



9. Circle the set of coins that has *less* value.



10. Circle the set of coins that has *greater* value.



Katelyn and Johnny are playing comparison with cards. They have recorded the totals for each round. For each round, circle the total that won the cards, and write the statement. The first one is done for you.

ROUND 1: The total that is **greater** wins.

<u>Katelyn's Total</u>
16

<u>Johnny's Total</u>
19

19 is greater than 16.

a. ROUND 2: The total that is **less** wins.

<u>Katelyn's Total</u>
27

<u>Johnny's Total</u>
24

b. ROUND 3: The total that is **greater** wins.

<u>Katelyn's Total</u>
32

<u>Johnny's Total</u>
22

c. ROUND 4: The total that is **less** wins.

<u>Katelyn's Total</u>
29

<u>Johnny's Total</u>
26

- d. If Katelyn's total is 39, and Johnny's total has 3 tens 9 ones, who would have a greater total? Draw a math drawing to explain how you know.

Name _____

Date _____

Word Bank

1. Draw the numbers using quick tens and circles. Use the phrases from the word bank to complete the sentence frames to compare the numbers. The first one has been done for you.

is greater than
is less than
is equal to

20 30 20 <u>is less than</u> 30	14 22 14 _____ 22
15 1 ten 5 ones 15 _____ 1 ten 5 ones	39 29 39 _____ 29
31 13 31 _____ 13	23 33 23 _____ 33

2. Circle the numbers that are *greater* than 28.

32 29 2 tens 8 ones 4 tens 18

3. Circle the numbers that are *less* than 31.

29 3 tens 6 ones 3 tens 13 3 tens 9 ones

4. Write the numbers in order from *least* to *greatest*.

32	23	30
	29	

Where would the number 27 go in this order? Use words or rewrite the numbers to explain.

5. Write the numbers in order from *greatest* to *least*.

13	40	30
	31	

Where would the number 23 go in this order? Use words or rewrite the numbers to explain.

6. Use the digits 9, 4, 3, and 2 to make 4 different two-digit numbers less than 40. Write them in order from *least* to *greatest*.

9	3	4	2
Examples: 34, 29...			

Name _____

Date _____

1. Write the numbers in the blanks so that the alligator is eating the greater number.
Read the number sentence, using *is greater than*, *is less than*, or *is equal to*.
Remember to start with the number on the left.

a. 10 20 _____  _____	b. 15 17 _____  _____	c. 24 22 _____  _____
d. 29 30 _____  _____	e. 39 38 _____  _____	f. 39 40 _____  _____

2. Complete the charts so that the alligator is eating a *greater* number.

a. <table border="1" data-bbox="203 1239 365 1381"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>8</td></tr> </table>  <table border="1" data-bbox="568 1239 730 1381"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td></td></tr> </table>	tens	ones	1	8	tens	ones	1		b. <table border="1" data-bbox="868 1239 1031 1381"> <tr><th>tens</th><th>ones</th></tr> <tr><td>2</td><td>4</td></tr> </table>  <table border="1" data-bbox="1242 1239 1404 1381"> <tr><th>tens</th><th>ones</th></tr> <tr><td></td><td>3</td></tr> </table>	tens	ones	2	4	tens	ones		3
tens	ones																
1	8																
tens	ones																
1																	
tens	ones																
2	4																
tens	ones																
	3																
c. <table border="1" data-bbox="203 1428 365 1570"> <tr><th>tens</th><th>ones</th></tr> <tr><td></td><td></td></tr> </table>  <table border="1" data-bbox="568 1428 730 1570"> <tr><th>tens</th><th>ones</th></tr> <tr><td></td><td></td></tr> </table>	tens	ones			tens	ones			d. <table border="1" data-bbox="868 1428 1031 1570"> <tr><th>tens</th><th>ones</th></tr> <tr><td>2</td><td>3</td></tr> </table>  <table border="1" data-bbox="1242 1428 1404 1570"> <tr><th>tens</th><th>ones</th></tr> <tr><td>2</td><td></td></tr> </table>	tens	ones	2	3	tens	ones	2	
tens	ones																
tens	ones																
tens	ones																
2	3																
tens	ones																
2																	
e. <table border="1" data-bbox="203 1617 365 1759"> <tr><th>tens</th><th>ones</th></tr> <tr><td></td><td></td></tr> </table>  <table border="1" data-bbox="568 1617 730 1759"> <tr><th>tens</th><th>ones</th></tr> <tr><td></td><td></td></tr> </table>	tens	ones			tens	ones			f. <table border="1" data-bbox="868 1617 1031 1759"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>7</td></tr> </table>  <table border="1" data-bbox="1242 1617 1404 1759"> <tr><th>tens</th><th>ones</th></tr> <tr><td></td><td>7</td></tr> </table>	tens	ones	1	7	tens	ones		7
tens	ones																
tens	ones																
tens	ones																
1	7																
tens	ones																
	7																

Compare each set of numbers by matching to the correct alligator or phrase to make a true number sentence. Check your work by reading the sentence from left to right.

3.

16	17
----	----

31	23
----	----

35	25
----	----

12	21
----	----

22	32
----	----

29	30
----	----

39	40
----	----



is *less* than

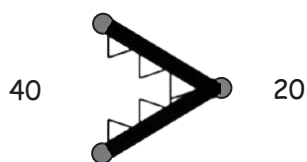


is *greater* than

Name _____

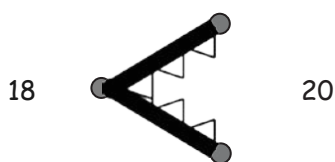
Date _____

1. Use the symbols to compare the numbers. Fill in the blank with $<$, $>$, or $=$ to make a true number sentence. Complete the number sentence with a phrase from the word bank.



$$40 > 20$$

40 is greater than 20.



$$18 < 20$$

18 is less than 20.

Word Bank

is greater than

is less than

is equal to

a. 17 13

$$17 \underline{\hspace{2cm}} 13$$

b. 23 33

$$23 \underline{\hspace{2cm}} 33$$

c. 36 36

$$36 \underline{\hspace{2cm}} 36$$

d. 25 32

$$25 \underline{\hspace{2cm}} 32$$

e. 38 28

$$38 \underline{\hspace{2cm}} 28$$

f. 32 23

$$32 \underline{\hspace{2cm}} 23$$

g. 1 ten 5 ones 14

1 ten 5 ones _____ 14

h. 3 tens 30

3 tens _____ 30

i. 29 2 tens 7 ones

29 _____ 2 tens 7 ones

j. 19 2 tens 3 ones

19 _____ 2 tens 3 ones

k. 3 tens 1 one 13

3 tens 1 one _____ 13

l. 35 3 tens 5 ones

35 _____ 3 tens 5 ones

m. 2 tens 3 ones 32

2 tens 3 ones _____ 32

n. 3 tens 36

3 tens _____ 36

o. 29 3 tens 9 ones

29 _____ 3 tens 9 ones

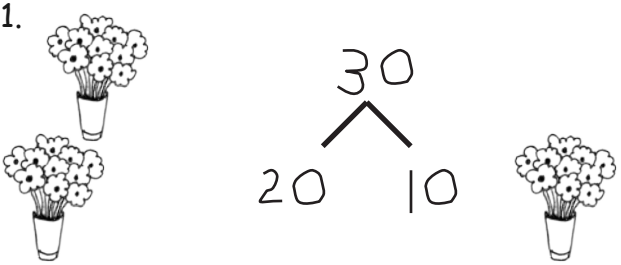
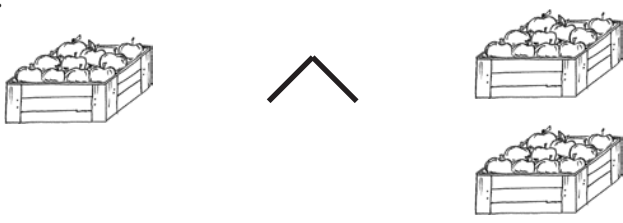
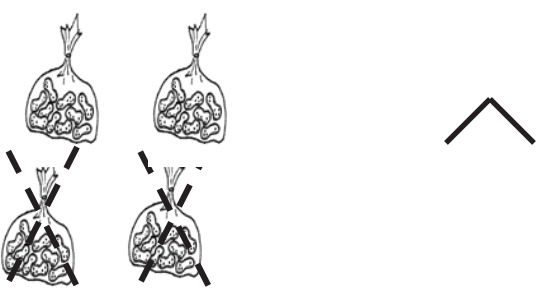
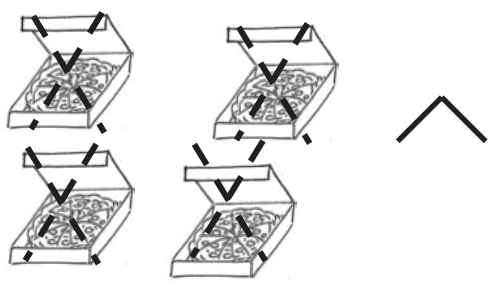
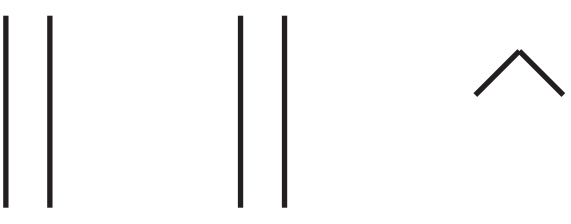
p. 4 tens 39

4 tens _____ 39

Name _____

Date _____

Draw a number bond, and complete the number sentences to match the pictures.

1.  <u>2</u> tens + <u>1</u> ten = <u>3</u> tens 20 + 10 = 30	2.  ____ tens = ____ ten + ____ tens _____
3.  ____ tens - ____ ten = ____ tens _____	4.  ____ tens - ____ tens = ____ tens _____
5.  ____ tens - ____ tens = ____ tens _____	6.  ____ tens + ____ tens = ____ tens _____

Draw quick tens and a number bond to help you solve the number sentences.

7.  $10 + 20 = \underline{\hspace{2cm}}$	8.  $30 - 10 = \underline{\hspace{2cm}}$
9.  $20 - 10 = \underline{\hspace{2cm}}$	10.  $30 + 10 = \underline{\hspace{2cm}}$

Add or subtract.

11. 2 tens + 1 ten =

12. 20 + 20 =

13. 40 - 10 =

14. = 20 + 10

15. 3 tens - 2 tens =

16. 20 - 10 =

17. 10 - 10 =

18. = 30 + 10

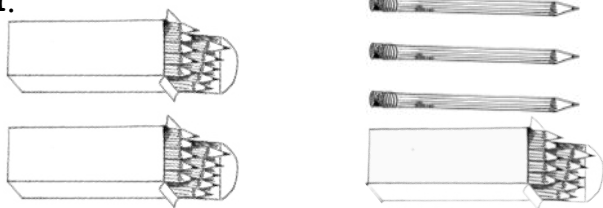
19. 40 - 30 =

Name _____

Date _____

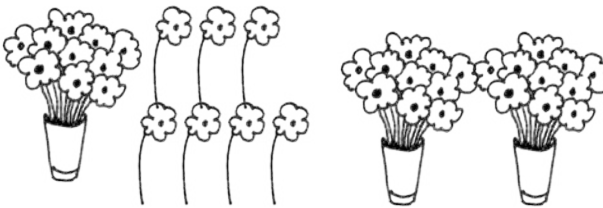
Fill in the missing numbers to match the picture. Complete the number bond to match.

1.



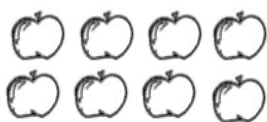
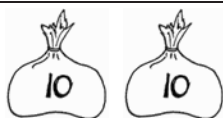
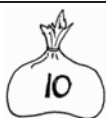
$$20 + 13 = \underline{\quad}$$

2.



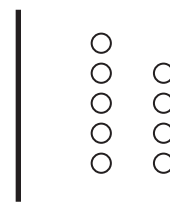
$$17 + \underline{\quad} = \underline{\quad}$$

3.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

4.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Draw using quick tens and ones. Complete the number bond and the number sentence.

5. <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>7</td></tr> </table> + <table border="1" style="display: inline-table; margin-left: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>0</td></tr> </table> $\wedge$ _____ + _____ = _____	tens	ones	1	7	tens	ones	1	0	6. <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td>1</td><td>9</td></tr> </table> + <table border="1" style="display: inline-table; margin-left: 10px;"> <tr><th>tens</th><th>ones</th></tr> <tr><td> </td><td> </td></tr> </table> $\wedge$ _____ + _____ = <u>39</u>	tens	ones	1	9	tens	ones		
tens	ones																
1	7																
tens	ones																
1	0																
tens	ones																
1	9																
tens	ones																

Use arrow notation to solve.

7. 19 +10 →	8. 9 +30 →
9. +10 → 38	10. +20 → 31

Use the dimes and pennies to complete the place value charts.

11.

	tens	ones		tens	ones		tens	ones
			+			=		

Name _____

Date _____

Use quick tens and ones to complete the place value chart and number sentence.

1.



tens	ones

$21 + 4 = \underline{\quad}$

2.

tens	ones

$21 + 8 = \underline{\quad}$

3.

tens	ones

$25 + 4 = \underline{\quad}$

4.

tens	ones

$25 + 5 = \underline{\quad}$

5.

tens	ones

$33 + 3 = \underline{\quad}$

6.

tens	ones

$33 + 7 = \underline{\quad}$

Draw quick tens, ones, and number bonds to solve. Complete the place value chart.

7. $26 + 2 = \underline{\hspace{2cm}}$ tensones	8. $36 + 3 = \underline{\hspace{2cm}}$ tensones
9. $26 + 4 = \underline{\hspace{2cm}}$ tensones	10. $24 + 6 = \underline{\hspace{2cm}}$ tensones

Solve. You may draw quick tens and ones or number bonds to help.

11. a. $22 + 7 = \underline{\hspace{2cm}}$ b. $22 + 8 = \underline{\hspace{2cm}}$ c. $32 + 8 = \underline{\hspace{2cm}}$

Name _____

Date _____

Use the pictures or draw quick tens and ones. Complete the number sentence and place value chart.

1. $15 + 3 = \underline{\hspace{2cm}}$  <table border="1" data-bbox="321 724 522 903"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones			2. $15 + 5 = \underline{\hspace{2cm}}$  <table border="1" data-bbox="763 724 964 903"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones			3. $15 + 6 = \underline{\hspace{2cm}}$  <table border="1" data-bbox="1208 724 1409 903"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones		
tens	ones													
tens	ones													
tens	ones													
4. $28 + 2 = \underline{\hspace{2cm}}$ <table border="1" data-bbox="324 1192 526 1371"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones			5. $28 + 4 = \underline{\hspace{2cm}}$ <table border="1" data-bbox="766 1192 967 1371"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones			6. $28 + 7 = \underline{\hspace{2cm}}$ <table border="1" data-bbox="1211 1192 1412 1371"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones		
tens	ones													
tens	ones													
tens	ones													
7. $17 + 3 = \underline{\hspace{2cm}}$ <table border="1" data-bbox="321 1648 522 1827"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones			8. $17 + 7 = \underline{\hspace{2cm}}$ <table border="1" data-bbox="763 1648 964 1827"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones			9. $27 + 7 = \underline{\hspace{2cm}}$ <table border="1" data-bbox="1208 1648 1409 1827"><thead><tr><th>tens</th><th>ones</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	tens	ones		
tens	ones													
tens	ones													
tens	ones													

Make a number bond to solve. Show your thinking with number sentences or the arrow way. Complete the place value chart.

10.

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

tens	ones

11.

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

tens	ones

12.

$25 + 5 = \underline{\quad\quad}$

tens	ones

13.

$25 + 8 = \underline{\quad\quad}$

tens	ones

14.

$24 + 8 = \underline{\quad\quad}$

tens	ones

15.

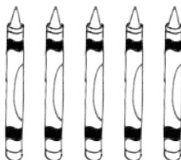
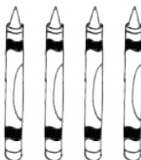
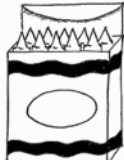
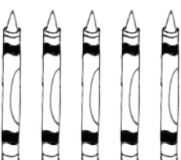
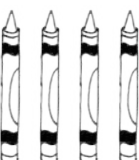
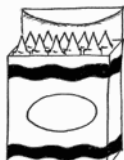
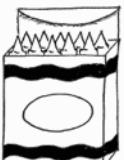
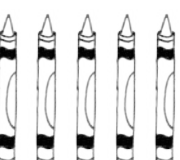
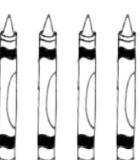
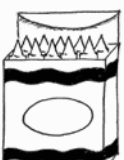
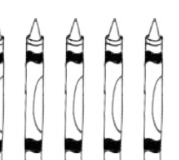
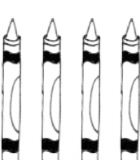
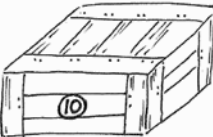
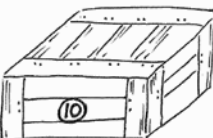
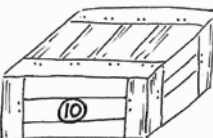
$23 + 9 = \underline{\quad\quad}$

tens	ones

Name _____

Date _____

Solve the problems.

1.	 	$5 + 4 = \underline{\quad}$
2.	  	$15 + 4 = \underline{\quad}$
3.	   	$25 + 4 = \underline{\quad}$
4.	    	$35 + 4 = \underline{\quad}$
5.		$8 + 4 = \underline{\quad}$
6.	   	$18 + 4 = \underline{\quad}$
7.	    	$28 + 4 = \underline{\quad}$

Use the first number sentence in each set to help you solve the other problems.

8.

a. $5 + 2 = \underline{\hspace{2cm}}$

b. $15 + 2 = \underline{\hspace{2cm}}$

c. $25 + 2 = \underline{\hspace{2cm}}$

d. $35 + 2 =$ _____

9.

a. $5 + 5 = \underline{\hspace{2cm}}$

b. $15 + 5 = \underline{\hspace{2cm}}$

c. $25 + 5 = \underline{\hspace{2cm}}$

d. $35 + 5 =$ _____

10.

a. $2 + 7 =$ _____

b. $12 + 7 = \underline{\hspace{2cm}}$

c. $22 + 7 =$ _____

11.

a. $7 + 4 =$ _____

b. $17 + 4 = \underline{\hspace{2cm}}$

c. $27 + 4 =$ _____

12.

a. $8 + 7 =$ _____

b. $18 + 7 =$ _____

c. $28 + 7 =$ _____

13.

a. $3 + 9 =$ _____

b. $13 + 9 =$ _____

c. $23 + 9 =$ _____

Solve the problems. Show the 1-digit addition sentence that helped you solve.

14. $24 + 5 =$ _____

15. $24 + 7 =$ _____

Name _____ Date _____

Draw quick tens and ones to help you solve the addition problems.

1. $17 + 2 = \underline{\hspace{2cm}}$	2. $17 + 3 = \underline{\hspace{2cm}}$
3. $14 + 3 = \underline{\hspace{2cm}}$	4. $24 + 10 = \underline{\hspace{2cm}}$

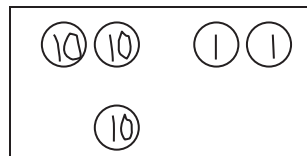
Make a number bond or use the arrow way to solve the addition problems.

5. $6 + 24 = \underline{\hspace{2cm}}$	6. $14 + 20 = \underline{\hspace{2cm}}$
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7. Solve each addition sentence and match.

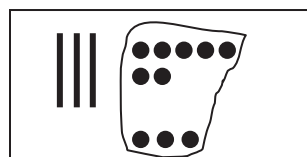
a.

$$22 + 1 = \underline{\hspace{2cm}}$$



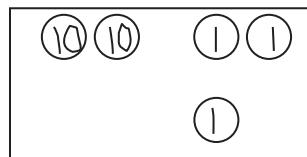
b.

$$13 + 6 = \underline{\hspace{2cm}}$$



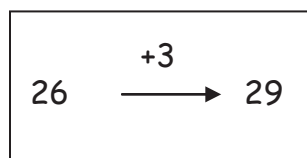
c.

$$3 + 26 = \underline{\hspace{2cm}}$$



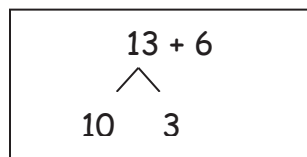
d.

$$37 + 3 = \underline{\hspace{2cm}}$$



e.

$$22 + 10 = \underline{\hspace{2cm}}$$



Name _____ Date _____

Use quick ten drawings or number bonds to make true number sentences.

1. $13 + 20 = \underline{\hspace{2cm}}$	2. $23 + 6 = \underline{\hspace{2cm}}$
3. $10 + 23 = \underline{\hspace{2cm}}$	4. $28 + 6 = \underline{\hspace{2cm}}$
5. $26 + 7 = \underline{\hspace{2cm}}$	6. $20 + 17 = \underline{\hspace{2cm}}$

7. How did you solve Problem 5? Why did you choose to solve it that way?

Solve using quick ten drawings or number bonds.

8. $23 + 9 = \underline{\hspace{2cm}}$	9. $27 + 7 = \underline{\hspace{2cm}}$
10. $24 + 10 = \underline{\hspace{2cm}}$	11. $20 + 18 = \underline{\hspace{2cm}}$
12. $28 + 9 = \underline{\hspace{2cm}}$	13. $29 + 9 = \underline{\hspace{2cm}}$

14. How did you solve Problem 11? Why did you choose to solve it that way?

Name _____

Date _____

1. Two students both solved the addition problem below using different methods.

$$18 + 9$$

$$18 + 9 = 27$$

$$\begin{array}{c} \swarrow \searrow \\ 2 \quad 7 \end{array}$$

$$18 + 2 = 20$$

$$20 + 7 = 27$$

$$18 + 9 = 27$$

$$18 \xrightarrow{x2} 20 \xrightarrow{x7} 27$$

$$18 + 2 = 20$$

$$20 + 7 = 27$$

Are they both correct? Why or why not?

2. Another two students solved the same problem using quick tens.

$$18 + 9 = 29$$

$$20 + 9 = 29$$

$$18 + 9 = 27$$

$$20 + 7 = 27$$

Are they both correct? Why or why not?

3. Circle any student work that is correct.

$$19 + 6$$

Student A

$$19 + 6$$
$$20 + 6 = 26$$

Student B

$$19 + 6$$
$$19 + 1 = 20$$
$$20 + 5 = 25$$

Student C

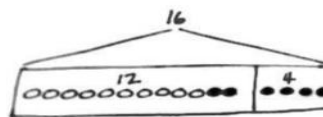
$$19 + 6$$
$$19 \rightarrow 20 \rightarrow 25$$

Fix the student work that was incorrect by making a new drawing or drawings in the space below.

Choose a correct student work and give a suggestion for improvement.

Name _____

Date _____

Read the word problem.Draw a tape diagram and label.Write a number sentence and a statement that matches the story.

1. Darnel is playing with his 4 red robots. Ben joins him with 13 blue robots. How many robots do they have all together?

They have _____ robots.

2. Rose and Emi had a jump rope contest. Rose jumped 14 times, and Emi jumped 6 times. How many times did Rose and Emi jump?

They jumped _____ times.

3. Pedro counted the airplanes taking off and landing at the airport. He saw 7 airplanes take off and 6 airplanes land. How many airplanes did he count altogether?

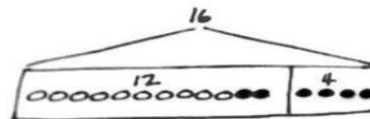
Pedro counted _____ airplanes.

4. Tamra and Willie scored all the points for their team in their basketball game. Tamra scored 13 points, and Willie scored 5 points. What was their team's score for the game?

The team's score was _____ points.

Name _____

Date _____

Read the word problem.Draw a tape diagram and label.Write a number sentence and a statement that matches the story.

1. Rose has 12 soccer practices this month. 6 practices are in the afternoon, but the rest are in the morning. How many practices will be in the morning?

Rose has _____ practices in the morning.

2. Ben caught 16 fish. He put some back in the lake. He brought home 7 fish. How many fish did he put back in the lake?

Ben put _____ fish back in the lake.

3. Nikil solved 9 problems on the first Sprint. He solved 11 problems on the second Sprint. How many problems did he solve on the two Sprints?

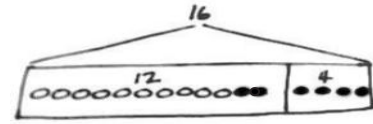
Nikil solved _____ problems on the Sprints.

4. Shanika returned some books to the library. She had 16 books at first, and she still has 13 books left. How many books did she return to the library?

Shanika returned _____ books to the library.

Name _____

Date _____

Read the word problem.Draw a tape diagram and label.Write a number sentence and a statement that matches the story.

1. Fatima has 12 colored pencils in her bag. She has 6 regular pencils, too. How many pencils does Fatima have?

Fatima has _____ pencils.

2. Julio swam 7 laps in the morning. In the afternoon, he swam some more laps. He swam a total of 14 laps. How many laps did he swim in the afternoon?

Julio swam _____ laps in the afternoon.

3. Peter built 18 models. He built 13 airplanes and some cars. How many car models did he build?

Peter built _____ car models.

4. Kiana found some shells at the beach. She gave 8 shells to her brother. Now, she has 9 shells left. How many shells did Kiana find at the beach?

Kiana found _____ shells.

Name _____

Date _____

Use the tape diagrams to write a variety of word problems. Use the word bank if needed. Remember to label your model after you write the story.

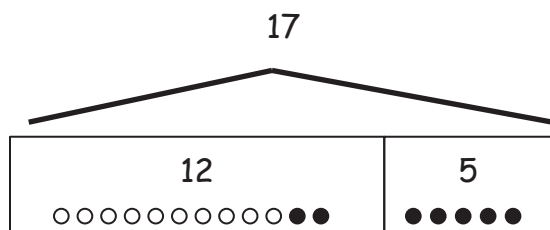
Topics (Nouns)

flowers	goldfish	lizards
stickers	rockets	cars
frogs	crackers	marbles

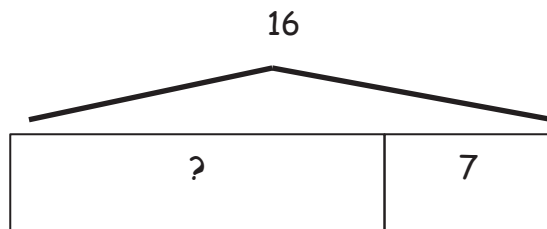
Actions (Verbs)

hide	eat	go away
give	draw	get
collect	build	play

1.



2.

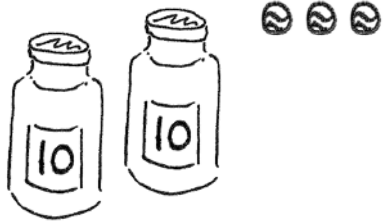


Name _____

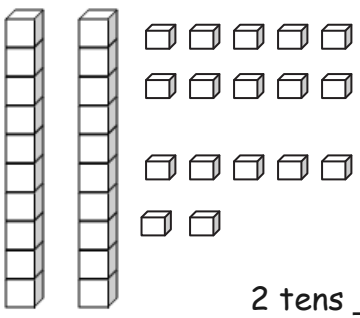
Date _____

1. Fill in the blanks and match the pairs that show the same amount.

a.

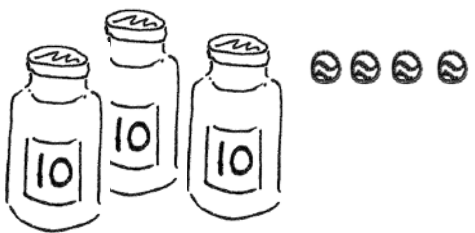


_____ tens _____ ones

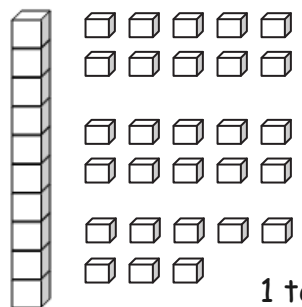


2 tens _____ ones

b.

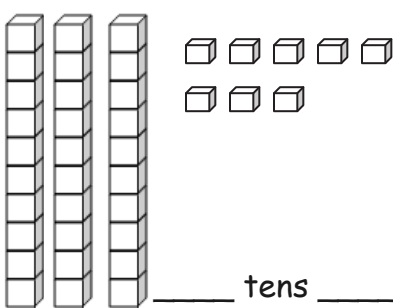


_____ tens _____ ones

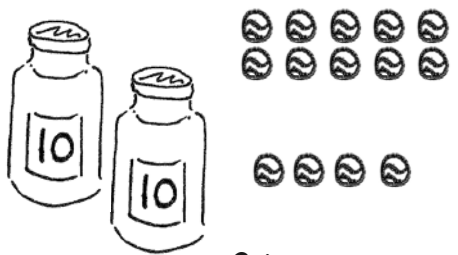


1 ten _____ ones

c.

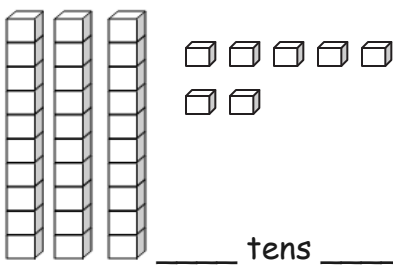


_____ tens _____ ones

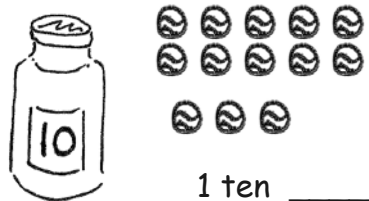


2 tens _____ ones

d.



_____ tens _____ ones



1 ten _____ ones

2. Match the place value charts that show the same amount.

a.

tens	ones
2	18

tens	ones
3	8

b.

tens	ones
1	16

tens	ones
2	1

c.

tens	ones
0	21

tens	ones
2	6

3. Check each sentence that is true.

☐ a. 35 is the same as 1 ten 25 ones.

☐ b. 28 is the same as 1 ten 18 ones.

☐ c. 36 is the same as 2 tens 16 ones.

☐ d. 39 is the same as 2 tens 29 ones.

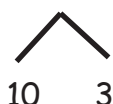
4. Emi says that 37 is the same as 1 ten 27 ones, and Ben says that 37 is the same as 2 tens 7 ones. Draw quick tens to show if Emi or Ben is correct.

Name _____ Date _____

1. Solve using number bonds. Write the two number sentences that show that you added the ten first. Draw quick tens and ones if that helps you.

a.

$$13 + 16 = \underline{\hspace{2cm}}$$



$$16 + 10 = 26$$

$$26 + 3 = 29$$

b.

$$16 + 23 = \underline{\hspace{2cm}}$$



$$23 + 10 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + 6 = \underline{\hspace{2cm}}$$

c.

$$16 + 14 = \underline{\hspace{2cm}}$$

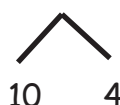


$$16 + 10 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + 4 = \underline{\hspace{2cm}}$$

d.

$$14 + 26 = \underline{\hspace{2cm}}$$

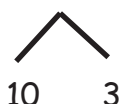


$$26 + 10 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

e.

$$17 + 13 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

f.

$$27 + 13 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. Solve using number bonds. Part (a) has been started for you.

a. $\begin{array}{c} 14 + 13 = \underline{\quad\quad} \\ \swarrow \quad \searrow \\ 10 \quad 3 \end{array}$ $\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$ $\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$	b. $24 + 14 = \underline{\quad\quad}$ $\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$ $\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$
c. $15 + 14 = \underline{\quad\quad}$	d. $24 + 15 = \underline{\quad\quad}$
e. $22 + 17 = \underline{\quad\quad}$	f. $27 + 12 = \underline{\quad\quad}$
g. $18 + 12 = \underline{\quad\quad}$	h. $28 + 12 = \underline{\quad\quad}$

Name _____

Date _____

1. Solve using number bonds. This time, add the tens first. Write the 2 number sentences to show what you did.

a. $12 + 14 = \underline{\quad}$	b. $14 + 21 = \underline{\quad}$
c. $15 + 14 = \underline{\quad}$	d. $25 + 14 = \underline{\quad}$
e. $23 + 16 = \underline{\quad}$	f. $16 + 24 = \underline{\quad}$

2. Solve using number bonds. This time, add the ones first. Write the 2 number sentences to show what you did.

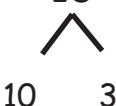
a. $27 + 10 = \underline{\quad}$	b. $27 + 13 = \underline{\quad}$
c. $13 + 26 = \underline{\quad}$	d. $26 + 14 = \underline{\quad}$
e. $12 + 18 = \underline{\quad}$	f. $18 + 21 = \underline{\quad}$
g. $19 + 11 = \underline{\quad}$	h. $21 + 19 = \underline{\quad}$

Name _____

Date _____

1. Solve using a number bond to add ten first. Write the 2 addition sentences that helped you.

a. $18 + 13 = \underline{\quad}$



10 3

$$18 + 10 = 28$$

$$28 + 3 = 31$$

b. $13 + 19 = \underline{\quad}$



10 9

$$19 + 10 = 29$$

$$29 + 3 = 32$$

c. $17 + 15 = \underline{\quad}$



10 5

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

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

d. $17 + 16 = \underline{\quad}$

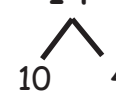


10 6

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

$$\underline{\quad} + 6 = \underline{\quad}$$

e. $17 + 14 = \underline{\quad}$

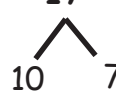


10 4

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

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

f. $19 + 17 = \underline{\quad}$



10 7

$$19 + 10 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Solve using a number bond to make a ten first. Write the 2 number sentences that helped you.

a. $\begin{array}{c} 19 + 13 = \\ \wedge \\ 1 \quad 12 \end{array}$ $19 + 1 = 20$ $20 + 12 = 32$	b. $\begin{array}{c} 19 + 14 = \\ \wedge \\ 1 \quad 13 \end{array}$ $19 + 1 = 20$ $20 + 13 = 33$
c. $\begin{array}{c} 18 + 15 = \underline{\hspace{2cm}} \\ \wedge \\ 2 \quad 13 \end{array}$ $18 + 2 = \underline{\hspace{2cm}}$ $20 + 13 = \underline{\hspace{2cm}}$	d. $\begin{array}{c} 18 + 17 = \underline{\hspace{2cm}} \\ \wedge \\ 2 \quad 15 \end{array}$ $18 + 2 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + 15 = \underline{\hspace{2cm}}$
e. $\begin{array}{c} 18 + 19 = \underline{\hspace{2cm}} \\ \wedge \\ 17 \quad 1 \end{array}$ $\underline{\hspace{2cm}} + 1 = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + 17 = \underline{\hspace{2cm}}$	f. $\begin{array}{c} 19 + 19 = \underline{\hspace{2cm}} \\ \wedge \\ 18 \quad 1 \end{array}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Name _____

Date _____

1. Solve using number bonds with pairs of number sentences. You may draw quick tens and some ones to help you.

a. $17 + 14 = \underline{\quad}$	b. $16 + 15 = \underline{\quad}$
c. $17 + 15 = \underline{\quad}$	d. $18 + 13 = \underline{\quad}$
e. $18 + 15 = \underline{\quad}$	f. $18 + 16 = \underline{\quad}$
g. $19 + 15 = \underline{\quad}$	h. $19 + 16 = \underline{\quad}$

2. Solve. You may draw quick tens and some ones to help you.

a. $19 + 14 = \underline{\quad}$	b. $19 + 17 = \underline{\quad}$
c. $18 + 17 = \underline{\quad}$	d. $16 + 16 = \underline{\quad}$
e. $17 + 14 = \underline{\quad}$	f. $15 + 16 = \underline{\quad}$
g. $19 + 19 = \underline{\quad}$	h. $18 + 18 = \underline{\quad}$

Name _____ Date _____

Solve using quick tens and ones, number bonds, or the arrow way.

a. $13 + 16 = \underline{\quad}$	b. $15 + 16 = \underline{\quad}$
c. $16 + 16 = \underline{\quad}$	d. $26 + 12 = \underline{\quad}$
e. $22 + 17 = \underline{\quad}$	f. $17 + 15 = \underline{\quad}$
g. $17 + 16 = \underline{\quad}$	h. $18 + 17 = \underline{\quad}$

i. $24 + 13 = \underline{\quad}$	j. $15 + 24 = \underline{\quad}$
k. $19 + 16 = \underline{\quad}$	l. $14 + 22 = \underline{\quad}$
m. $27 + 12 = \underline{\quad}$	n. $28 + 12 = \underline{\quad}$
o. $18 + 17 = \underline{\quad}$	p. $19 + 18 = \underline{\quad}$

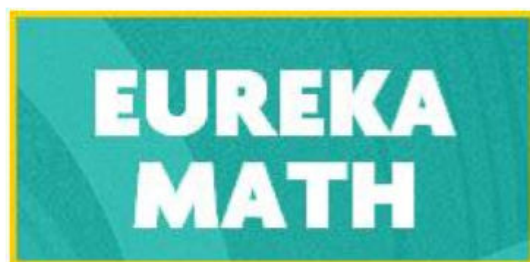
Name _____ Date _____

1. Solve using quick ten drawings, number bonds, or the arrow way.

a. $13 + 15 = \underline{\quad}$	b. $26 + 12 = \underline{\quad}$
c. $23 + 16 = \underline{\quad}$	d. $17 + 16 = \underline{\quad}$
e. $14 + 17 = \underline{\quad}$	f. $27 + 12 = \underline{\quad}$
g. $15 + 18 = \underline{\quad}$	h. $18 + 16 = \underline{\quad}$

2. Solve using quick ten drawings, number bonds, or the arrow way.

a. $17 + 12 = \underline{\quad}$	b. $21 + 17 = \underline{\quad}$
c. $17 + 15 = \underline{\quad}$	d. $27 + 13 = \underline{\quad}$
e. $23 + 14 = \underline{\quad}$	f. $18 + 17 = \underline{\quad}$
g. $18 + 11 = \underline{\quad}$	h. $18 + 18 = \underline{\quad}$



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