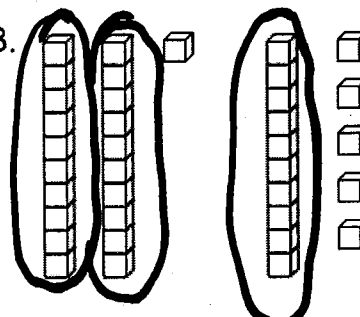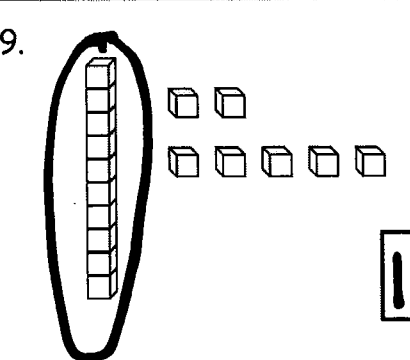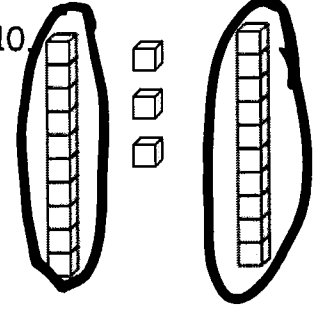Answer Key   Module 4

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

7.

24

20   4

There are __24__ cubes.

8.

36

30   6

There are __36__ cubes.

9.

17

10   7

There are __17__ cubes.

10.

23

20   3

There are __23__ cubes.

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

11.

18

10   8

12.

33

30   3

EUREKA
MATH

Lesson 1:   Compare the efficiency of counting by ones and counting by tens.

4
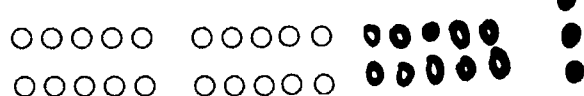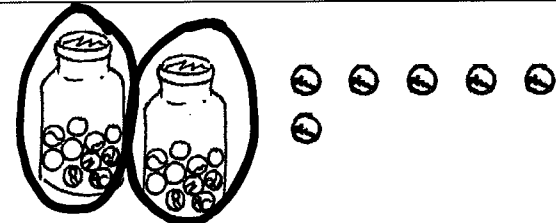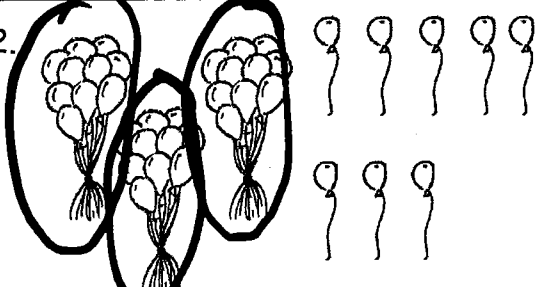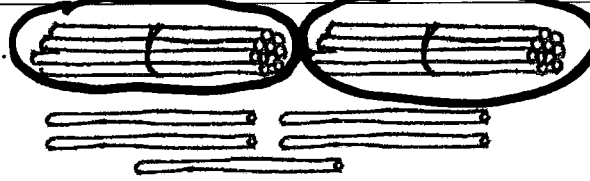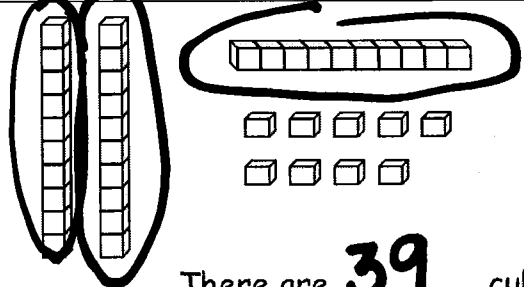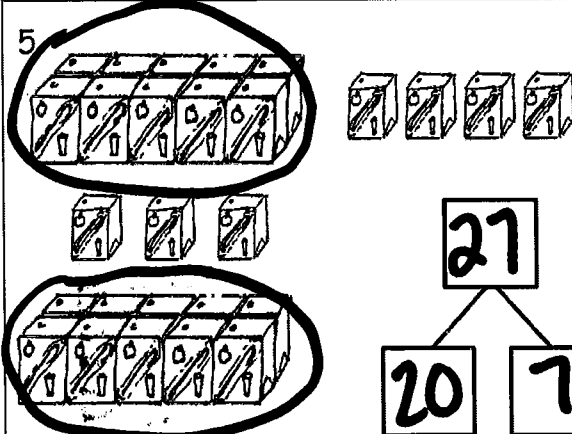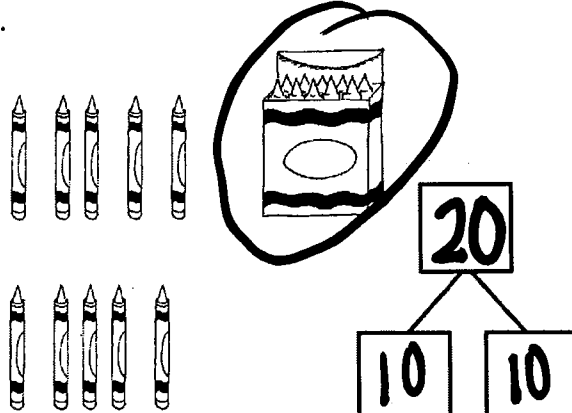
Name **Answer Key**   Date **Module 4**

Circle groups of 10. Write the number to show the total amount of objects.
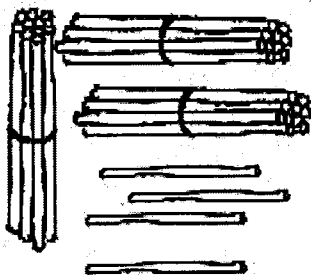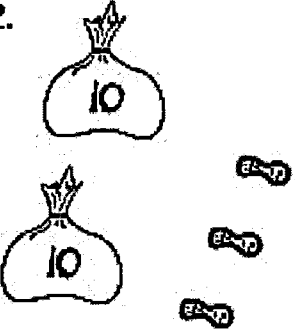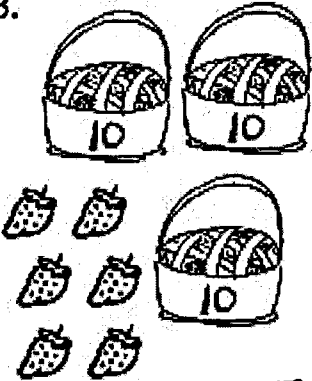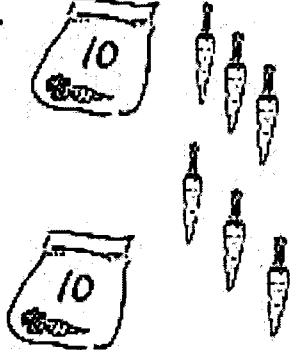
1.

There are **26** marbles.

2.

There are **38** balloons.

3.

There are **25** straws.

4.

There are **39** 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.

| 27 |
| 20 | 7 |

There are **27** juice boxes.

6.

| 20 |
| 10 | 10 |

There are **20** crayons.

EUREKA MATH

Lesson 1: Compare the efficiency of counting by ones and counting by tens.

3

Name **Answer Key**   Date **Module 4**
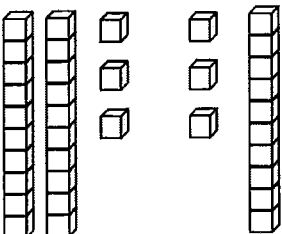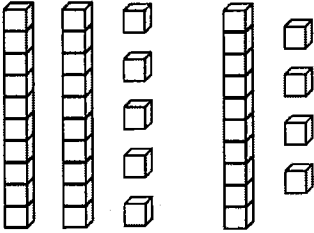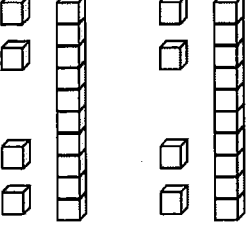
Write the tens and ones and complete the statement.

1.

tens	ones
3	4

There are __34__ straws.

2.

tens	ones
2	3

There are __23__ peanuts.

3.

tens	ones
3	6

There are __36__ strawberries.

4.

tens	ones
2	9

There are __29__ beads.

5.

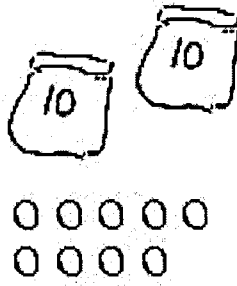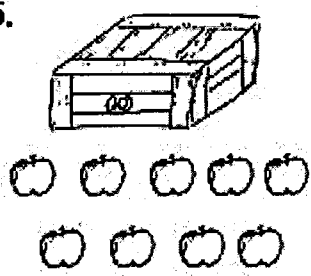| tens	ones
1	9

There are __19__ apples.

6.

tens	ones
2	6

There are __26__ carrots.

EUREKA
MATH

Lesson 2:   Use the place value chart to record and name tens and ones within a
two-digit number.

7

Answer Key   Module 4

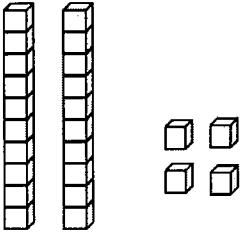Write the tens and ones. Complete the statement.

7.

tens	ones
2	4

There are __24__ cubes.

8.

tens	ones
3	6

There are __36__ cubes.

9.

tens	ones
3	9

There are __39__ cubes.

10.

tens	ones
2	8

There are __28__ cubes.

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

11.

tens	ones
2	3

➡ 23

12.

tens	ones
3	2

➡ 32

13.

tens	ones
0	9

➡ 9

14.

tens	ones
4	0

➡ 40

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
2	6

26
20   6

EUREKA MATH

Lesson 2:   Use the place value chart to record and name tens and ones within a two-digit number.

8
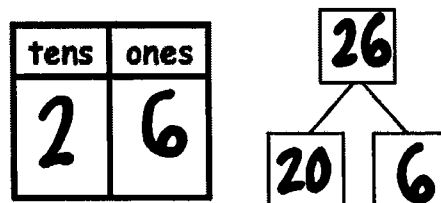
Name **Answer Key**   Date **Module 4**
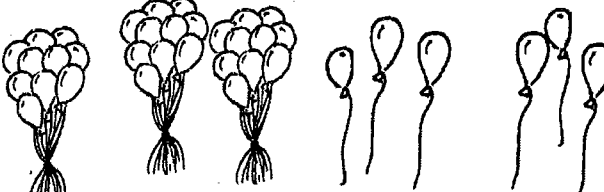
Count as many tens as you can. Complete each statement. Say the numbers and the sentences.

1.
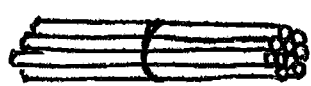
2 tens **3** ones is the same as **23** ones.

2.
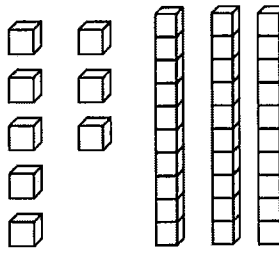
3 tens **6** ones is the same as **36** ones.

3.

1 tens **0** ones is the same as **10** ones.

4.

3 tens **8** ones is the same as **38** ones.

Fill in the missing numbers.

5. **29** ➡

tens	ones
2	9

➡ **29** ones

EUREKA MATH

Lesson 3:   Interpret two-digit numbers as either tens and some ones or as all ones.

11

Answer Key   Module 4

6.   **34** ➡ **3** tens **4** ones ➡ **34** ones

7.   **38** ➡
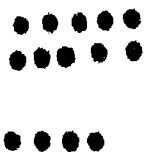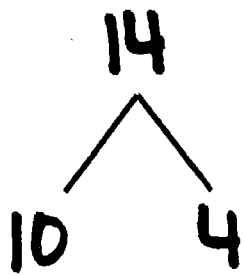
tens	ones
3	8

➡ **38** ones

8.   **39** ➡   9 ones 3 tens ➡ **39** ones

9.   **40** ➡ **0** ones **4** tens ➡ **40** ones
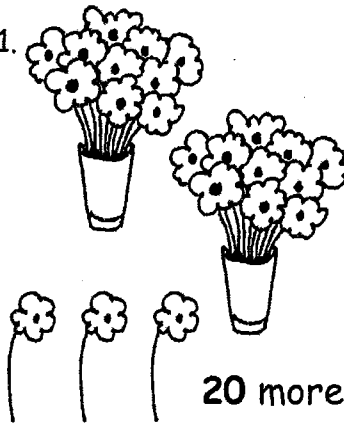
10. Choose at least one number less than 40. Draw the number in 3 ways:

As grapes:	In a number bond:	In the place value chart:
• • • • • • • • • • • • • •	14 ╱ ╲ 10 4	tens | ones 1 | 4
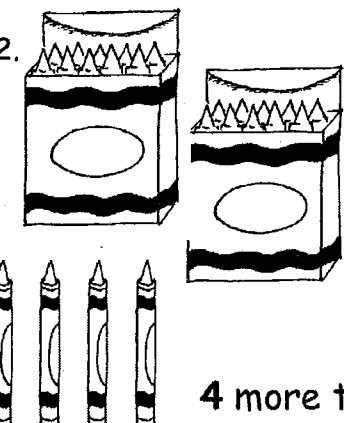
Name **Answer Key**   Date **Module 4**

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

1.
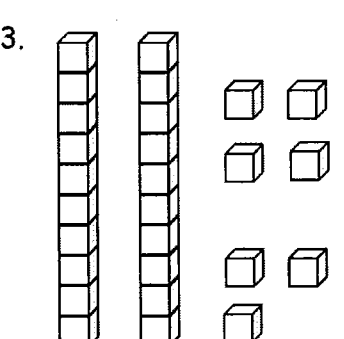
20
3
23

$3 + 20 = $ **23**

20 more than 3 is **23**.

2.
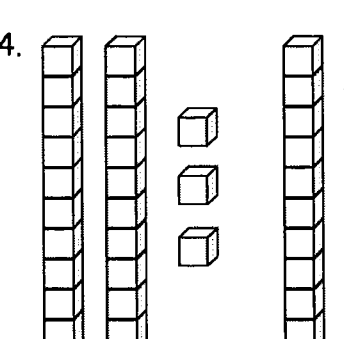
20
4
24

$20 + 4 = $ **24**

4 more than 20 is **24**.

3.
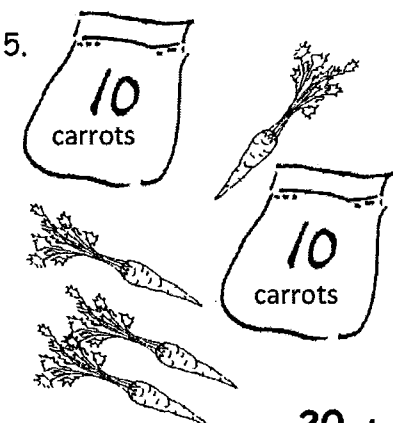
tens	ones
2	7

$7 + 20 = $ **27**

4.

tens	ones
3	5

5 $+ 30 = $ **35**

5.

10 carrots
10 carrots

tens	ones
2	4

$20 + $ **4** $ = $ **24**

6.

10
10
10

tens	ones
3	8

30 $+ $ **8** $ = $ **38**

EUREKA
MATH

Lesson 4:   Write and interpret two-digit numbers as addition sentences that combine tens and ones.

15
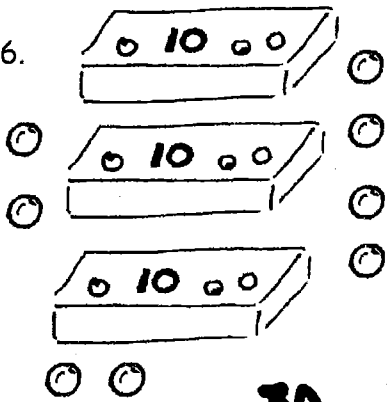
Answer Key

Module 4

Match the pictures with the words.

7.

8.

9.

10.

1 and 30 make **31**.

8 + 30 = **38**

2 more than 10 is **12**.

20 + 4 = **24**.

Lesson 4: Write and interpret two-digit numbers as addition sentences that combine tens and ones.
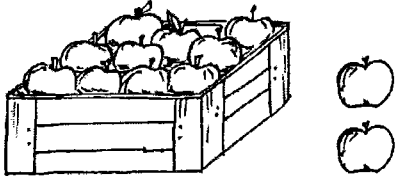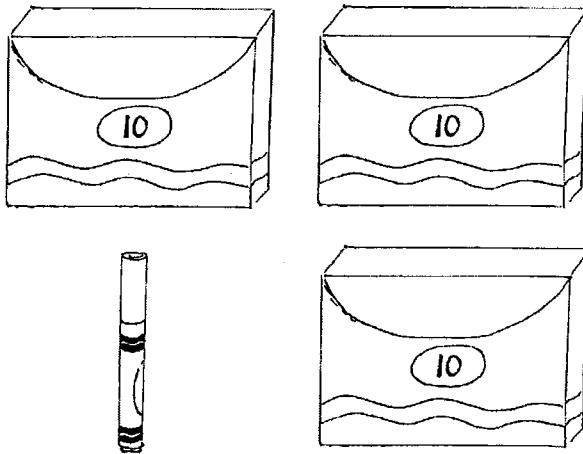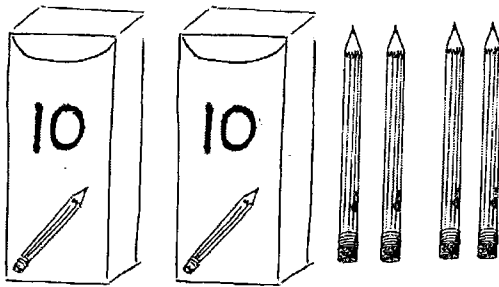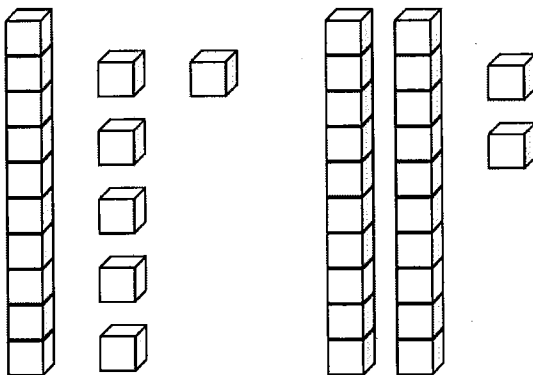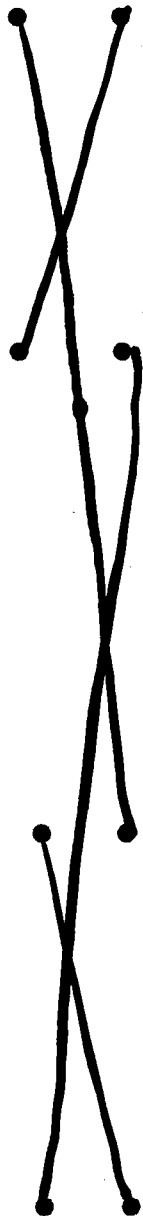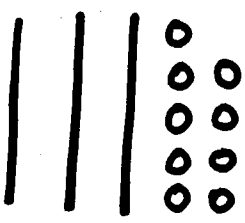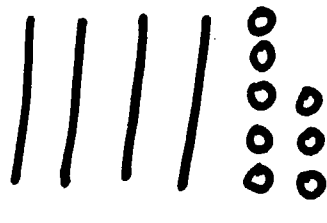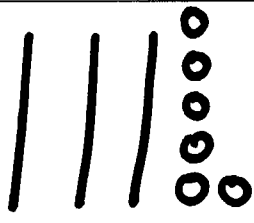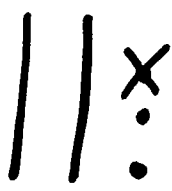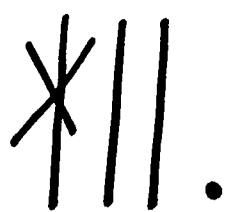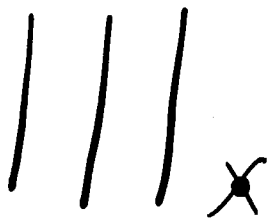
Name **Answer key**   Date **Module 4**

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

1. 1 more than 38 is **39**.	2. 10 more than 38 is **48**.
3. 1 more than 35 is **36**.	4. 10 more than 35 is **45**.

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 **13**.	6. 1 less than 23 is **22**.
7. 10 less than 31 is **21**.	8. 1 less than 31 is **30**.

Answer Key

Module 4

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

9.

10.

11.

12.
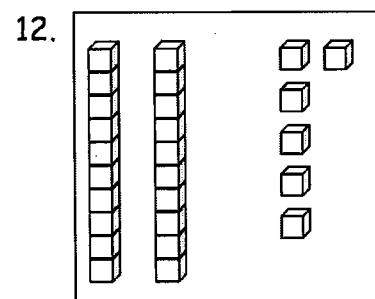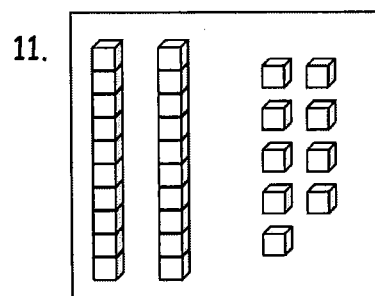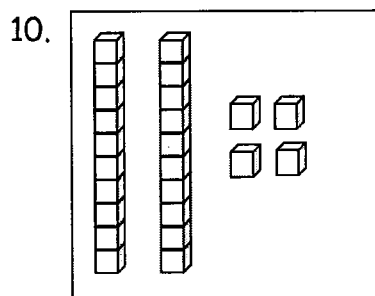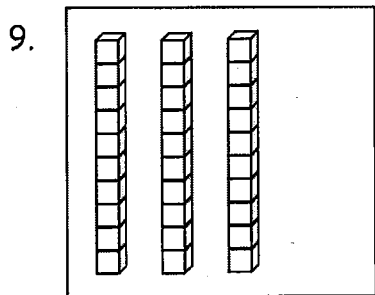
1 less than 30.

1 more than 23.

10 less than 36.

10 more than 20.

EUREKA MATH

Lesson 5:   Identify 10 more, 10 less, 1 more, and 1 less than a two-digit number.

20
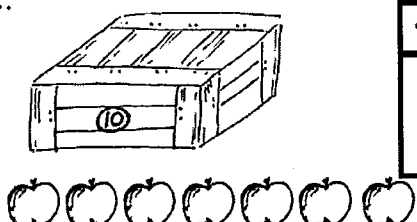
Name **Answer Key**   Date **Module 4**

Fill in the place value chart and the blanks.

1.

tens	ones
3	0

30 = **3** tens

2.

tens	ones
1	7

17 = **1** ten and **7** ones

3.

dimes	pennies
2	2

22 = 2 tens 2 ones

4.
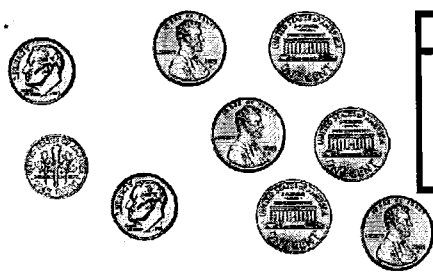
dimes	pennies
3	3

33 = 3 tens 3 ones

5.

dimes	pennies
0	8

8 = **0** tens **8** ones

6.

dimes	pennies
3	6

36 = **3** tens **6** ones

7.

tens	ones
1	6

16 = **1** ten **6** ones

8.

tens	ones
2	4

2 tens **4** ones = **24**

Lesson 6: Use dimes and pennies as representations of tens and ones.

24

EUREKA MATH

Answer Key   Module 4

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

10 more than 25 is **35**

9.

1 more than 12 is **13**.

10.

10 more than 3 is **13**.

11.

10 more than 22 is **32**.

12.

1 more than 22 is **23**.

13.

1 less than 39 is **38**.

14.

10 less than 39 is **29**.

15.

10 less than 33 is **23**.

16.

1 less than 33 is **32**.

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Lesson 6:   Use dimes and pennies as representations of tens and ones.

25

Name **Answer key**   Date **Module 4**

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

1.

22   14

2.

13   23

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

3.

3 tens 8 ones	3 tens 9 ones

4.

25	35

5. Write the value and circle the set of coins that has *greater* value.

20   11

EUREKA MATH

Lesson 7:   Compare two quantities, and identify the greater or lesser of the two given numerals.

29

Answer Key   Module 4

11. 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.

Katelyn's Total	Johnny's Total
16	19

19 is greater than 16.

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

Katelyn's Total	Johnny's Total
27	24

24 is less than 27.

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

Katelyn's Total	Johnny's Total
32	22

32 is greater than 22.

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

Katelyn's Total	Johnny's Total
29	26

26 is less than 29.

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.

$$ ||| \overset{\circ\circ\circ\circ\circ}{\underset{\circ\circ\circ\circ}{}} = ||| \overset{\circ\circ\circ\circ\circ}{\underset{\circ\circ\circ\circ}{}} $$
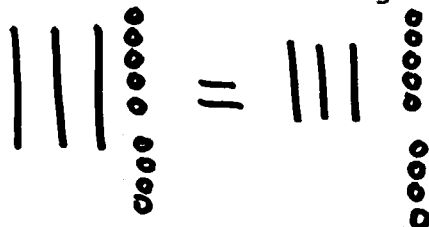
Answer Key   Module 4

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

6.

31   24

7.

28   38

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

8.

2 tens 7 ones   3 tens 7 ones

9.

22   29

10. Write the value and circle the set of coins that has *less* value.

22   13

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Name __Answer Key__   Date __Module 4__

Word Bank

| is greater than |
| is less than |
| is equal to |

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.

a. 20 30	b. 14 22
20 ___is less than___ 30	14 __is less than__ 22
c. 15 1 ten 5 ones	d. 39 29
15 __is equal to__ 1 ten 5 ones	39 __is greater than__ 29
e. 31 13	f. 23 33
31 __is greater than__ 13	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

Answer Key   Module 4

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

23
32   30
29

$\underline{23}\ \underline{29}\ \underline{30}\ \underline{32}$
          $\uparrow_{27}$

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

27 goes between 23 and 29

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

40
13   30
31

$\underline{40}\ \underline{31}\ \underline{30}\ \underline{13}$

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

23 goes between 30 and 13

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,...

ex. 22, 23, 24, 29

ex. 32, 33, 34, 39

Name **Answer key**   Date **Module 4**

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

   20 > **10**

b.
   15   17

   15 < **17**

c.
   24   22

   24 > **22**

d.
   29   30

   30 > **29**

e.
   39   38

   38 < **39**

f.
   39   40

   39 < **40**

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

a.
tens	ones
1	8
>
tens	ones
1	**5**

b.
tens	ones
2	4
<
tens	ones
4	3

c.
tens	ones
2	**7**
>
tens	ones
1	**6**

d.
tens	ones
2	3
>
tens	ones
2	**0**

e.
tens	ones
4	**2**
<
tens	ones
4	**8**

f.
tens	ones
1	7
>
tens	ones
0	7

Answer Key   Module 4

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 **Answer Key**   Date **Module 4**

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   18 < 20 | Word Bank |
|---|
| is greater than |
| is less than |
| is equal to |
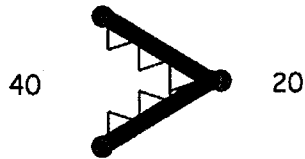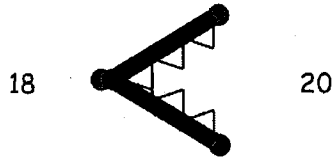
40 ⓢ> 20   18 ⓢ< 20
40 is greater than 20.   18 is less than 20.

a. 17 ⓢ> 13

17 **is greater than** 13

b. 23 ⓢ< 33

23 **is less than** 33

c. 36 ⓢ= 36

36 **is equal to** 36

d. 25 ⓢ< 32

25 **is less than** 32

e. 38 ⓢ> 28

38 **is greater than** 28

f. 32 ⓢ> 23

32 **is greater than** 23

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Answer Key   Module 4

g.
1 ten 5 ones   (>)   14

1 ten 5 ones **is greater than** 14

h.
3 tens   (=)   30

3 tens **is equal to** 30

i.
29   (>)   2 tens 7 ones

29 **is greater than** 2 tens 7 ones

j.
19   (<)   2 tens 3 ones

19 **is less than** 2 tens 3 ones

k.
3 tens 1 one   (>) 13

3 tens 1 one **is greater than** 13

l.
35   (=)   3 tens 5 ones

35 **is equal to** 3 tens 5 ones

m.
2 tens 3 ones   (<)   32

2 tens 3 ones **is less than** 32

n.
3 tens   (<)   36

3 tens **is less than** 36

o.
29   (<)   3 tens 9 ones

29 **is less than** 3 tens 9 ones

p.
4 tens   (>)   39

4 tens **is greater than** 39