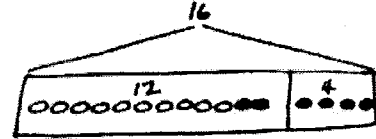Name _____ Date _____

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.

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Lesson 21:   Recognize and make use of part–whole relationships within tape
diagrams when solving a variety of problem types.

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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.

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Lesson 21:   Recognize and make use of part–whole relationships within tape
diagrams when solving a variety of problem types.

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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.
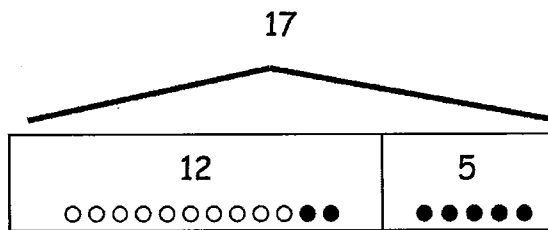
Topics (Nouns)		
flowers	goldfish	lizards
stickers	rockets	cars
frogs	crackers	marbles

Actions (Verbs)		
hide	eat	go away
give	draw	get
collect	build	play

1.

17

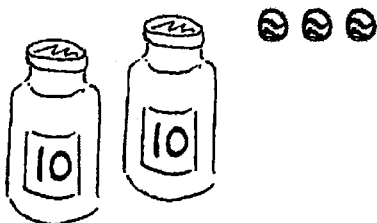| 12	5
○○○○○○○○○○●●	●●●●●

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2.

16

?	7
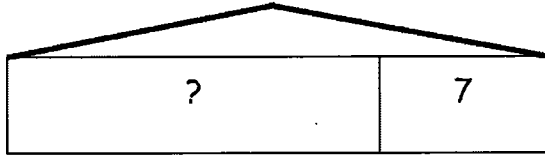
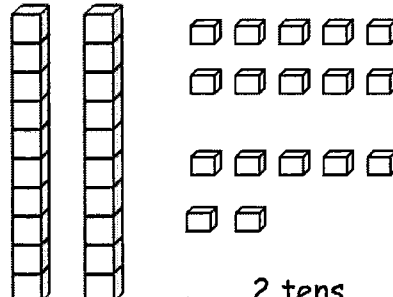Name _____ Date _____

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

a.
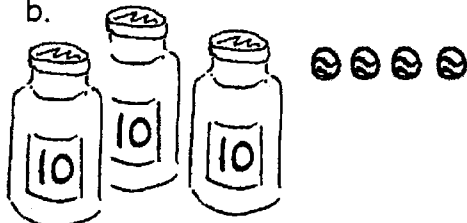
_____ tens _____ ones

2 tens _____ ones

b.

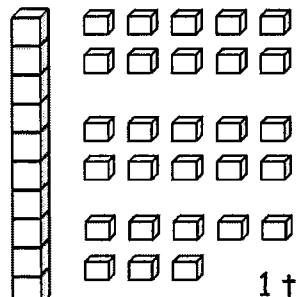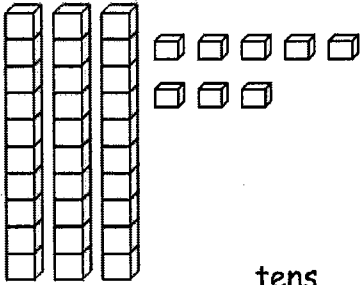_____ tens _____ ones
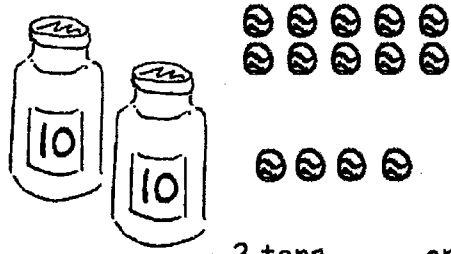
1 ten _____ ones

c.
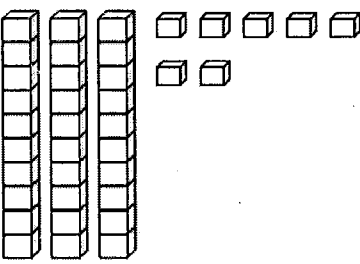
_____ tens _____ ones
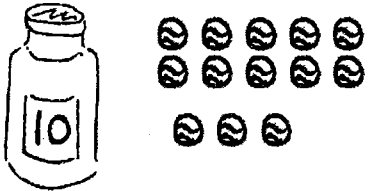
2 tens _____ ones

d.

_____ tens _____ ones

1 ten _____ ones

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Lesson 23: Interpret two-digit numbers as tens and ones, including cases with more than 9 ones.

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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.
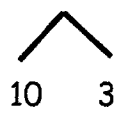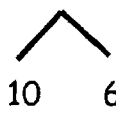
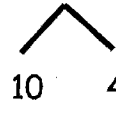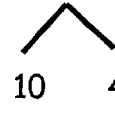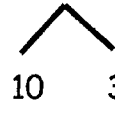☐ c. 36 is the same as 2 tens 16 ones.   ☐ d. 39 is the same as 2 tens 29 ones.

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.
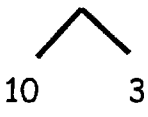
Name _____   Date _____

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 = _____

    /\
    10   3

        16 + 10 = 26

        26 + 3 = 29

b.
    16 + 23 = _____

    /\
    10   6

        23 + 10 = _____

        _____ + 6 = _____

c.
    16 + 14 = _____

    /\
    10   4

        16 + 10 = _____

        _____ + 4 = _____

d.
    14 + 26 = _____

    /\
    10   4

        26 + 10 = _____

        _____ + _____ = _____

e.
    17 + 13 = _____

    /\
    10   3

        _____ + _____ = _____

        _____ + _____ = _____

f.
    27 + 13 = _____

    /\

        _____ + _____ = _____

        _____ + _____ = _____

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Lesson 24:   Add a pair of two-digit numbers when the ones digits have a sum less
              than or equal to 10.

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

a. 14 + 13 = ____ ／＼ 10 3 ___ + ___ = ____ ___ + ___ = ____	b. 24 + 14 = _____ ___ + ___ = _____ ___ + ___ = ____
c. 15 + 14 = ____	d. 24 + 15 = ____
e. 22 + 17 = ____	f. 27 + 12 = ____
g. 18 + 12 = ____	h. 28 + 12 = ____

EUREKA MATH™

Lesson 24:   Add a pair of two-digit numbers when the ones digits have a sum less than or equal to 10.

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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 = _____	b. 14 + 21 = _____
c. 15 + 14 = _____	d. 25 + 14 = _____
e. 23 + 16 = _____	f. 16 + 24 = _____

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Lesson 25: Add a pair of two-digit numbers when the ones digits have a sum less than or equal to 10.

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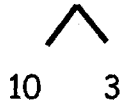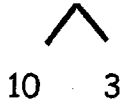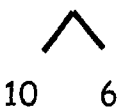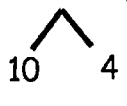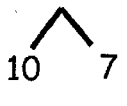
2. Solve using number bonds. This time, add the ones first. Write the 2 number sentences to show what you did.

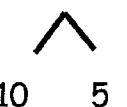|	
a. 27 + 10 = _____	b. 27 + 13 = _____
c. 13 + 26 = _____	d. 26 + 14 = _____
e. 12 + 18 = _____	f. 18 + 21 = _____
g. 19 + 11 = _____	h. 21 + 19 = _____

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Lesson 25:   Add a pair of two-digit numbers when the ones digits have a sum less than or equal to 10.

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Name _____   Date _____

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

a. $18 + 13 = $ ____ 10 3 $18 + 10 = 28$ $28 + 3 = 31$	**b.** $13 + 19 = $ ____ 10 3 $19 + 10 = 29$ $29 + 3 = 32$
c. $17 + 15 = $ ____ 10 5 $17 + 10 = $ _____ ____ $+ 5 = $ _____	**d.** $17 + 16 = $ ____ 10 6 $17 + 10 = $ _____ ____ $+ 6 = $ _____
e. $17 + 14 = $ ____ 10 4 $17 + 10 = $ _____ ____ $+$ ____ $= $ _____	**f.** $19 + 17 = $ ____ 10 7 $19 + 10 = $ _____ ____ $+$ ____ $= $ _____

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

a.

19 + 13 = _____

1   12

19 + 1 = 20

20 + 12 = 32

b.

19 + 14 = _____

1   13

19 + 1 = 20

20 + 13 = 33

c.

18 + 15 = _____

2   13

18 + 2 = _____

20 + 13 = _____

d.

18 + 17 = ____

2   15

18 + 2 = ____

____ + 15 = ____

e.

18 + 19 = ____

17   1

____ + 1 = _____

____ + 17 = _____

f.

19 + 19 = ____

18   1

____ + ____ = ____

____ + ____ = ____

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Lesson 26:   Add a pair of two-digit numbers when the ones digits have a sum greater than 10.

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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 = _____	b. 16 + 15 = _____
c. 17 + 15 = _____	d. 18 + 13 = _____
e. 18 + 15 = _____	f. 18 + 16 = _____
g. 19 + 15 = _____	h. 19 + 16 = _____

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Lesson 27:   Add a pair of two-digit numbers when the ones digits have a sum greater than 10.

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

a. $19 + 14 =$ _____	b. $19 + 17 =$ _____
c. $18 + 17 =$ _____	d. $16 + 16 =$ _____
e. $17 + 14 =$ _____	f. $15 + 16 =$ _____
g. $19 + 19 =$ _____	h. $18 + 18 =$ _____

Name _____ Date _____

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

a. 13 + 16 = _____	b. 15 + 16 = _____
c. 16 + 16 = _____	d. 26 + 12 = _____
e. 22 + 17 = _____	f. 17 + 15 = _____
g. 17 + 16 = _____	h. 18 + 17 = _____

EUREKA MATH™

Lesson 28: Add a pair of two-digit numbers with varied sums in the ones.

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i.   24 + 13 = _____

j.   15 + 24 = _____

k.   19 + 16 = _____

l.   14 + 22 = _____

m. 27 + 12 = _____

n.   28 + 12 = _____

o.   18 + 17 = _____

p.   19 + 18 = _____

Name _____ Date _____

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

a. 13 + 15 = _____	b. 26 + 12 = _____
c. 23 + 16 = _____	d. 17 + 16 = _____
e. 14 + 17 = _____	f. 27 + 12 = _____
g. 15 + 18 = _____	h. 18 + 16 = _____

EUREKA MATH

Lesson 29:   Add a pair of two-digit numbers with varied sums in the ones.

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

a. 17 + 12 = _____	b. 21 + 17 = _____
c. 17 + 15 = _____	d. 27 + 13 = _____
e. 23 + 14 = _____	f. 18 + 17 = _____
g. 18 + 11 = _____	h. 18 + 18 = _____

EUREKA MATH

Lesson 29:   Add a pair of two-digit numbers with varied sums in the ones.

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