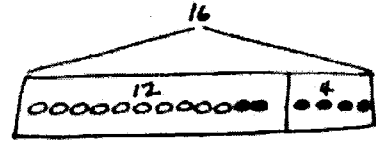


Name Answer KeyDate Module 4

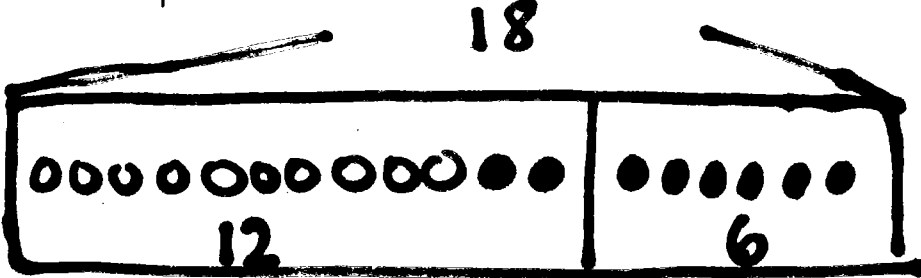
Read the word problem.

Draw a tape diagram and label.

Write a number sentence and a statement that matches the story.



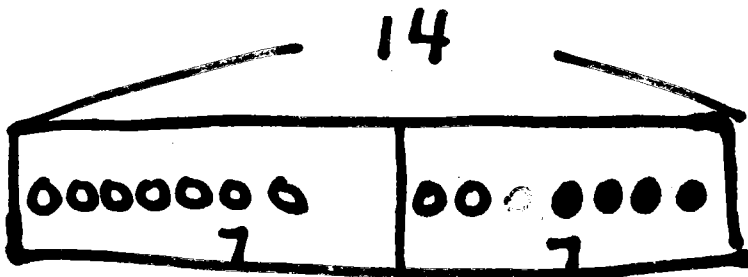
1. Fatima has 12 colored pencils in her bag. She has 6 regular pencils, too. How many pencils does Fatima have?



$$12 + 6 = \boxed{18}$$

Fatima has 18 pencils.

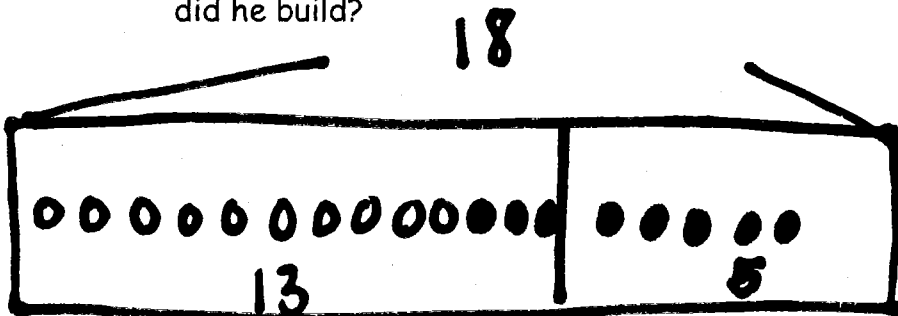
2. Julio swam 7 laps in the morning. In the afternoon, he swam some more laps. He swam a total of 14 laps. How many laps did he swim in the afternoon?



$$7 + \boxed{7} = 14 \text{ or } 14 - 7 = \boxed{7}$$

Julio swam 7 laps in the afternoon.

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



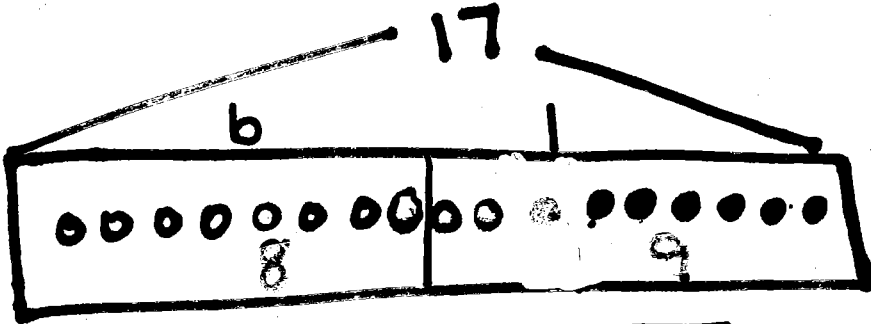
$$13 + \boxed{5} = 18 \text{ or } 18 - 13 = \boxed{5}$$

Peter built 5 car models.

Answer Key

Module 4

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 17 shells.

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

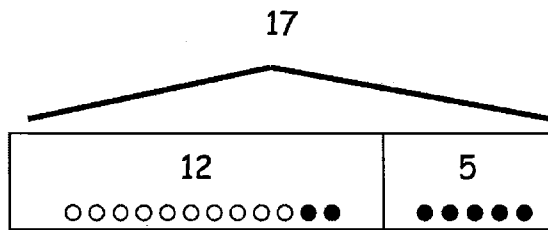
Name Answer KeyDate Module 4

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.

<u>Topics (Nouns)</u>		
flowers	goldfish	lizards
stickers	rockets	cars
frogs	crackers	marbles

<u>Actions (Verbs)</u>		
hide	eat	go away
give	draw	get
collect	build	play

1.



Answers will vary.

There were 17 flowers in the garden. 12 of them were collected. How many flowers are left in the garden?

$$17 - 12 = 5$$

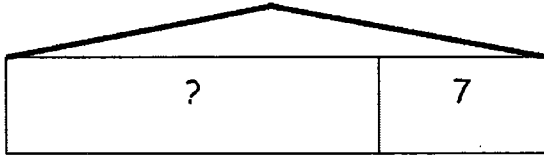
$$12 + \boxed{5} = 17$$

Answer Key

Module 4

2.

16



There were 17 lizards on a rock.
7 of them hid. How many
were left on the rock?

$$16 - 7 = \boxed{9}$$

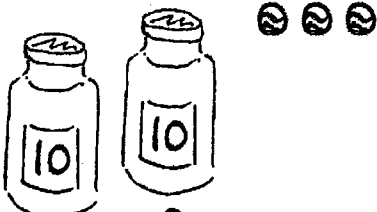
$$\boxed{9} + 7 = 16$$

Name Answer key

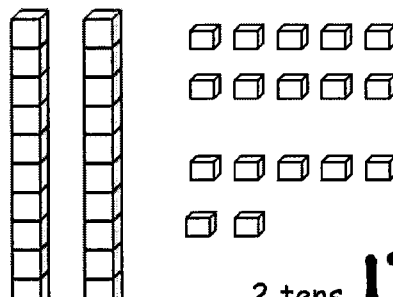
Date Module 4

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

a.

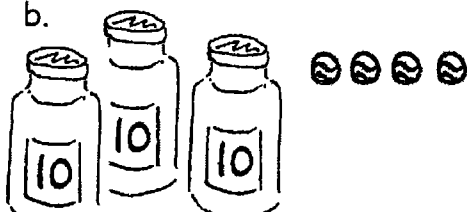


2 tens 3 ones

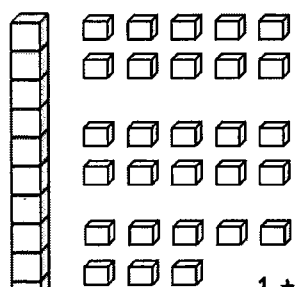


2 tens 17 ones

b.

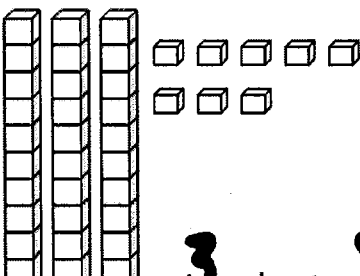


3 tens 4 ones

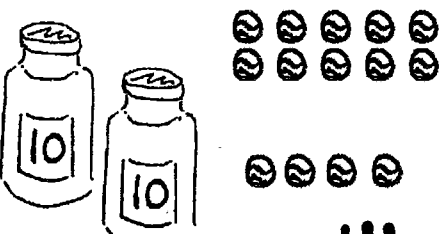


1 ten 28 ones

c.

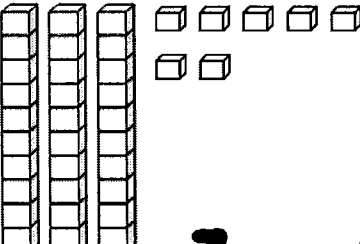


3 tens 8 ones

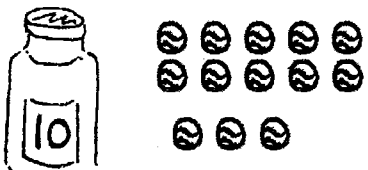


2 tens 14 ones

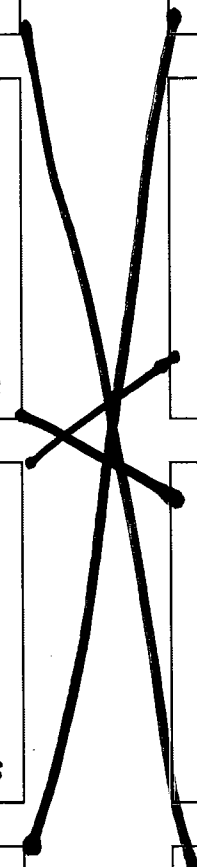
d.



3 tens 7 ones



1 ten 13 ones



Answer Key

Module 4

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.

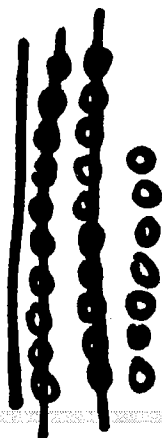
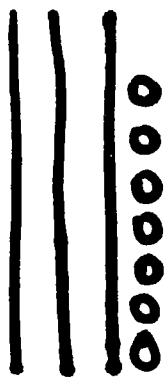
a. 35 is the same as 1 ten 25 ones.

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.

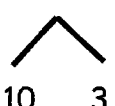
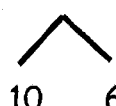
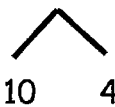
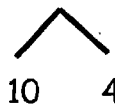
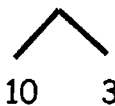

4. Emi says that 37 is the same as 1 ten 27 ones, and Ben says that 37 is the same as 2 tens 7 ones. Draw quick tens to show if Emi or Ben is correct.



Emi is correct

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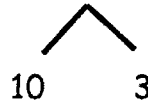



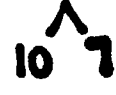


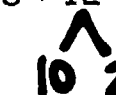
1. Solve using number bonds. Write the two number sentences that show that you added the ten first. Draw quick tens and ones if that helps you.

<p>a.</p> $13 + 16 = \underline{29}$  $16 + 10 = 26$ $26 + 3 = 29$	<p>b.</p> $16 + 23 = \underline{39}$  $23 + 10 = \underline{33}$ $\underline{33} + 6 = \underline{39}$
<p>c.</p> $16 + 14 = \underline{30}$  $16 + 10 = \underline{26}$ $\underline{26} + 4 = \underline{30}$	<p>d.</p> $14 + 26 = \underline{40}$  $26 + 10 = \underline{36}$ $\underline{36} + 4 = \underline{40}$
<p>e.</p> $17 + 13 = \underline{30}$  $\underline{17} + \underline{10} = \underline{27}$ $\underline{27} + \underline{3} = \underline{30}$	<p>f.</p> $27 + 13 = \underline{40}$  $\underline{27} + \underline{10} = \underline{37}$ $\underline{37} + \underline{3} = \underline{40}$

Answer Key

Module 4

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

<p>a.</p> $14 + 13 = \underline{27}$  $\underline{14} + \underline{10} = \underline{24}$ $\underline{24} + \underline{3} = \underline{27}$	<p>b.</p> $24 + 14 = \underline{38}$  $\underline{24} + \underline{10} = \underline{34}$ $\underline{34} + \underline{4} = \underline{38}$
<p>c.</p> $15 + 14 = \underline{29}$ 	<p>d.</p> $24 + 15 = \underline{39}$ 
<p>e.</p> $22 + 17 = \underline{39}$ 	<p>f.</p> $27 + 12 = \underline{39}$ 
<p>g.</p> $18 + 12 = \underline{30}$ 	<p>h.</p> $28 + 12 = \underline{40}$ 

Name Answer KeyDate Module 4

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

<p>a.</p> $12 + 14 = \underline{26}$ $\begin{array}{c} \wedge \\ 10 \ 4 \end{array}$ $12 + 10 = 22$ $22 + 4 = 26$	<p>b.</p> $14 + 21 = \underline{35}$ $\begin{array}{c} \wedge \\ 10 \ 4 \end{array}$ $21 + 10 = 31$ $31 + 4 = 35$
<p>c.</p> $15 + 14 = \underline{29}$ $\begin{array}{c} \wedge \\ 10 \ 4 \end{array}$ $15 + 10 = 25$ $25 + 4 = 29$	<p>d.</p> $25 + 14 = \underline{39}$ $\begin{array}{c} \wedge \\ 10 \ 4 \end{array}$ $25 + 10 = 35$ $35 + 4 = 39$
<p>e.</p> $23 + 16 = \underline{39}$ $\begin{array}{c} \wedge \\ 10 \ 6 \end{array}$ $23 + 10 = 33$ $33 + 6 = 39$	<p>f.</p> $16 + 24 = \underline{40}$ $\begin{array}{c} \wedge \\ 10 \ 6 \end{array}$ $24 + 10 = 34$ $34 + 6 = 40$

Answer Key

Module 4

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

<p>a. $27 + 10 = \underline{37}$</p> <p>$27 + 10 = 37$</p>	<p>b. $27 + 13 = \underline{40}$</p> <p>$27 + 3 = 30$ $30 + 10 = 40$</p>
<p>c. $13 + 26 = \underline{39}$</p> <p>$26 + 3 = 29$ $29 + 10 = 39$</p>	<p>d. $26 + 14 = \underline{40}$</p> <p>$26 + 4 = 30$ $30 + 10 = 40$</p>
<p>e. $12 + 18 = \underline{30}$</p> <p>$18 + 2 = 20$ $20 + 10 = 30$</p>	<p>f. $18 + 21 = \underline{39}$</p> <p>$21 + 8 = 29$ $29 + 10 = 39$</p>
<p>g. $19 + 11 = \underline{30}$</p> <p>$19 + 1 = 20$ $20 + 10 = 30$</p>	<p>h. $21 + 19 = \underline{40}$</p> <p>$21 + 9 = 30$ $30 + 10 = 40$</p>

Name Answer KeyDate Module 4

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

<p>a. $18 + 13 = \underline{31}$</p> <p style="text-align: center;"> $\begin{array}{c} \wedge \\ 10 \quad 3 \end{array}$ </p> <p style="text-align: right;">$18 + 10 = 28$</p> <p style="text-align: right;">$28 + 3 = 31$</p>	<p>b. $13 + 19 = \underline{32}$</p> <p style="text-align: center;"> $\begin{array}{c} \wedge \\ 10 \quad 3 \end{array}$ </p> <p style="text-align: right;">$19 + 10 = 29$</p> <p style="text-align: right;">$29 + 3 = 32$</p>
<p>c. $17 + 15 = \underline{32}$</p> <p style="text-align: center;"> $\begin{array}{c} \wedge \\ 10 \quad 5 \end{array}$ </p> <p style="text-align: right;">$17 + 10 = \underline{27}$</p> <p style="text-align: right;">$\underline{27} + 5 = \underline{32}$</p>	<p>d. $17 + 16 = \underline{33}$</p> <p style="text-align: center;"> $\begin{array}{c} \wedge \\ 10 \quad 6 \end{array}$ </p> <p style="text-align: right;">$17 + 10 = \underline{27}$</p> <p style="text-align: right;">$\underline{27} + 6 = \underline{33}$</p>
<p>e. $17 + 14 = \underline{31}$</p> <p style="text-align: center;"> $\begin{array}{c} \wedge \\ 10 \quad 4 \end{array}$ </p> <p style="text-align: right;">$17 + 10 = \underline{27}$</p> <p style="text-align: right;">$\underline{27} + \underline{4} = \underline{31}$</p>	<p>f. $19 + 17 = \underline{36}$</p> <p style="text-align: center;"> $\begin{array}{c} \wedge \\ 10 \quad 7 \end{array}$ </p> <p style="text-align: right;">$19 + 10 = \underline{29}$</p> <p style="text-align: right;">$\underline{29} + \underline{7} = \underline{36}$</p>

Answer Key

Module 4

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

<p>a.</p> $19 + 13 = \underline{32}$ $19 + 1 = 20$ $20 + 12 = 32$	<p>b.</p> $19 + 14 = \underline{33}$ $19 + 1 = 20$ $20 + 13 = 33$
<p>c.</p> $18 + 15 = \underline{33}$ $18 + 2 = \underline{20}$ $20 + 13 = \underline{33}$	<p>d.</p> $18 + 17 = \underline{35}$ $18 + 2 = \underline{20}$ $\underline{20} + 15 = \underline{35}$
<p>e.</p> $18 + 19 = \underline{37}$ $\underline{19} + 1 = \underline{20}$ $\underline{20} + 17 = \underline{37}$	<p>f.</p> $19 + 19 = \underline{38}$ $\underline{19} + \underline{1} = \underline{20}$ $\underline{20} + \underline{18} = \underline{38}$

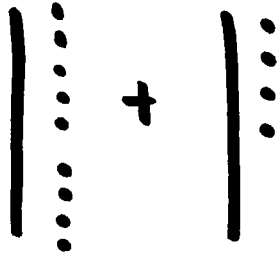
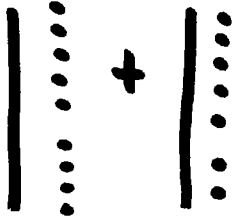
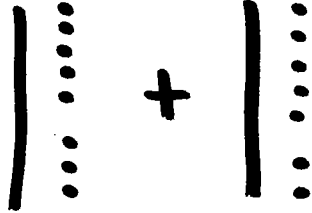
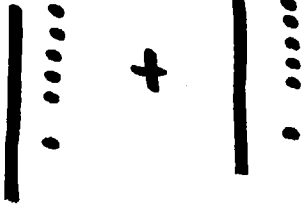
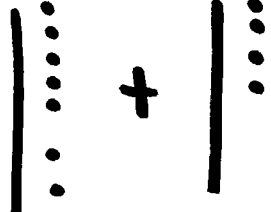
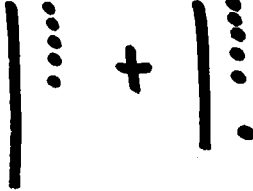
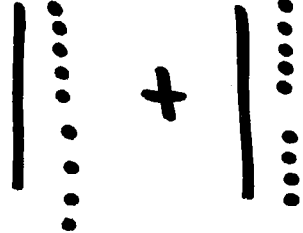
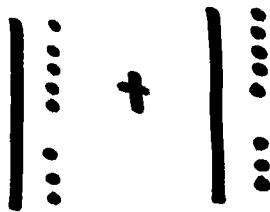
Name Answer KeyDate Module 4

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

<p>a.</p> $17 + 14 = \underline{31}$ $\begin{array}{c} \wedge \\ 10 \ 4 \end{array}$ $17 + 10 = 27$ $27 + 4 = 31$	<p>b.</p> $16 + 15 = \underline{31}$ $\begin{array}{c} \wedge \\ 10 \ 5 \end{array}$ $16 + 10 = 26$ $26 + 5 = 31$
<p>c.</p> $17 + 15 = \underline{32}$ $\begin{array}{c} \wedge \\ 10 \ 5 \end{array}$ $17 + 10 = 27$ $27 + 5 = 32$	<p>d.</p> $18 + 13 = \underline{31}$ $\begin{array}{c} \wedge \\ 10 \ 3 \end{array}$ $18 + 10 = 28$ $28 + 3 = 31$
<p>e.</p> $18 + 15 = \underline{33}$ $\begin{array}{c} \wedge \\ 10 \ 5 \end{array}$ $18 + 10 = 28$ $28 + 5 = 33$	<p>f.</p> $18 + 16 = \underline{34}$ $\begin{array}{c} \wedge \\ 10 \ 6 \end{array}$ $18 + 10 = 28$ $28 + 6 = 34$
<p>g.</p> $19 + 15 = \underline{34}$ $\begin{array}{c} \wedge \\ 10 \ 5 \end{array}$ $19 + 10 = 29$ $29 + 5 = 34$	<p>h.</p> $19 + 16 = \underline{35}$ $\begin{array}{c} \wedge \\ 10 \ 6 \end{array}$ $19 + 10 = 29$ $29 + 6 = 35$

Answer Key - Module 4

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

<p>a. $19 + 14 = \underline{33}$</p> 	<p>b. $19 + 17 = \underline{36}$</p> 
<p>c. $18 + 17 = \underline{35}$</p> 	<p>d. $16 + 16 = \underline{32}$</p> 
<p>e. $17 + 14 = \underline{31}$</p> 	<p>f. $15 + 16 = \underline{31}$</p> 
<p>g. $19 + 19 = \underline{38}$</p> 	<p>h. $18 + 18 = \underline{36}$</p> 

Name Answer Key-Module 4

Date _____

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

<p>a. $13 + 16 = \underline{29}$</p>	<p>b. $15 + 16 = \underline{31}$</p>
<p>c. $16 + 16 = \underline{32}$</p> <p>$\begin{array}{r} \wedge \\ 10 \ 6 \\ \wedge \ 2 \\ 4 \end{array}$</p> <p>$16 + 10 = 26$ $30 + 2 = 32$</p> <p>$26 + 4 = 30$</p>	<p>d. $26 + 12 = \underline{38}$</p> <p>$\begin{array}{r} \wedge \\ 10 \ 2 \end{array}$</p> <p>$26 \xrightarrow{+10} 36 \xrightarrow{+2} 38$</p>
<p>e. $22 + 17 = \underline{39}$</p> <p>$\begin{array}{r} \wedge \\ 10 \ 7 \end{array}$</p> <p>$22 \xrightarrow{+10} 32 \xrightarrow{+7} 39$</p>	<p>f. $17 + 15 = \underline{32}$</p>
<p>g. $17 + 16 = \underline{33}$</p> <p>$\begin{array}{r} \wedge \\ 10 \ 6 \\ \wedge \ 3 \\ 3 \end{array}$</p> <p>$17 + 10 = 27$ $30 + 3 = 33$</p> <p>$27 + 3 = 30$</p>	<p>h. $18 + 17 = \underline{35}$</p> <p>$\begin{array}{r} \wedge \\ 10 \ 7 \\ \wedge \ 5 \\ 2 \end{array}$</p> <p>$18 + 10 = 28$ $30 + 5 = 35$</p> <p>$28 + 2 = 30$</p>

Answer Key - Module 4

<p>i. $24 + 13 = \underline{37}$</p> <p style="text-align: center;">^ 10 3</p> <p>$24 + 10 = 34$ $34 + 3 = 37$</p>	<p>j. $15 + 24 = \underline{39}$</p> <p style="text-align: center;"> : + : : :</p>
<p>k. $19 + 16 = \underline{35}$</p> <p style="text-align: center;">+1 +10 +5 19 → 20 → 30 → 35</p>	<p>l. $14 + 22 = \underline{36}$</p> <p style="text-align: center;">^ 4 10</p> <p>$22 + 10 = 32$ $32 + 4 = 36$</p>
<p>m. $27 + 12 = \underline{39}$</p> <p style="text-align: center;"> : + : : :</p>	<p>n. $28 + 12 = \underline{40}$</p> <p style="text-align: center;">^ 2 10</p> <p>$28 + 2 = 30$ $30 + 10 = 40$</p>
<p>o. $18 + 17 = \underline{35}$</p> <p style="text-align: center;"> : + : : : : :</p>	<p>p. $19 + 18 = \underline{37}$</p> <p style="text-align: center;">^ 10 8</p> <p>$19 + 10 = 29$ $29 + 8 = 37$</p>

Name Answer Key Module 4

Date _____

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

a. $13 + 15 = \underline{28}$

$\begin{array}{r} \wedge \\ 3 \ 10 \end{array}$

$15 + 10 = 25$

$25 + 3 = 28$

b. $26 + 12 = \underline{38}$

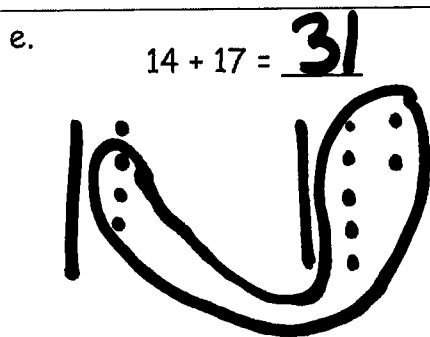
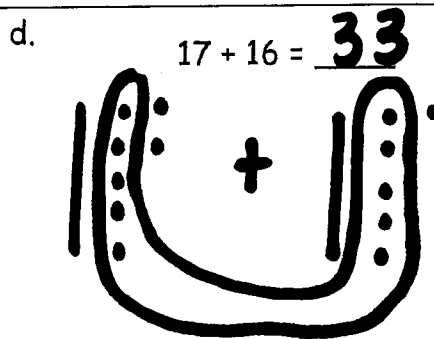
$\begin{array}{r} \wedge \\ 10 \ 2 \end{array}$

$26 + 10 = 36$

$36 + 2 = 38$

c. $23 + 16 = \underline{39}$

$23 \xrightarrow{+10} 33 \xrightarrow{+6} 39$



f. $27 + 12 = \underline{39}$

$\begin{array}{r} \wedge \\ 10 \ 2 \end{array}$

$27 + 10 = 37$

$37 + 2 = 39$

g. $15 + 18 = \underline{33}$

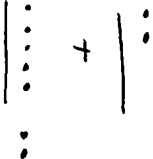
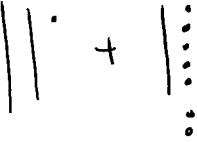
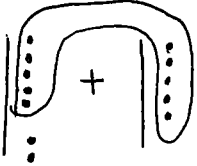
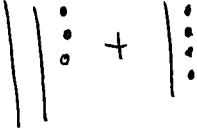
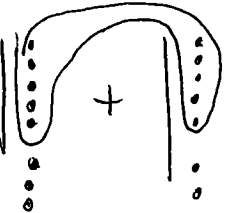
$18 \xrightarrow{+2} 20 \xrightarrow{+3} 23 \xrightarrow{+10} 33$

h. $18 + 16 = \underline{34}$

$18 \xrightarrow{+2} 20 \xrightarrow{+4} 24 \xrightarrow{+10} 34$

Answer Key Module 4

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

<p>a. $17 + 12 = \underline{29}$</p> 	<p>b. $21 + 17 = \underline{38}$</p> 
<p>c. $17 + 15 = \underline{32}$</p> 	<p>d. $27 + 13 = \underline{40}$</p> <p style="margin-left: 40px;">^ 10 3</p> <p>$27 + 10 = 37$</p> <p>$37 + 3 = 40$</p>
<p>e. $23 + 14 = \underline{37}$</p> 	<p>f. $18 + 17 = \underline{35}$</p> 
<p>g. $18 + 11 = \underline{29}$</p> <p style="margin-left: 40px;">^ 10 1</p> <p>$18 + 10 = 28$</p> <p>$28 + 1 = 29$</p>	<p>h. $18 + 18 = \underline{36}$</p> <p style="margin-left: 40px;">^ 10 8</p> <p>$18 + 10 = 28$</p> <p>$28 + 8 = 36$</p>