Name _Answer Key_   Date _Module 1_

2
2

2+2=4

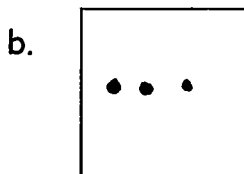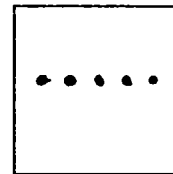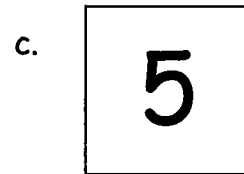1. Draw the 5-group card to show a double. Write the number sentence to match the cards.

a.
4
• • • •

$4 + 4 = 8$

b.
• • •
3

$3 + 3 = 6$

c.
5
• • • • •
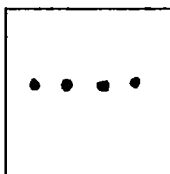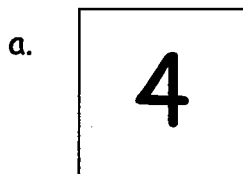
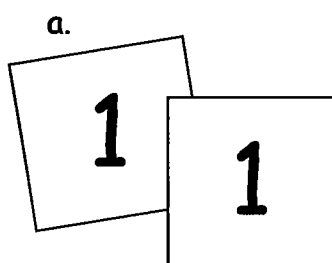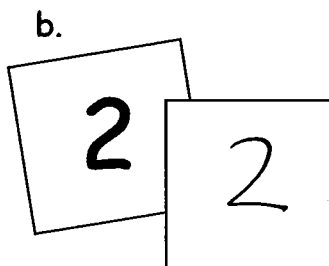$5 + 5 = 10$

2. Fill in the 5-group cards in order from least to greatest, double the number, and write the number sentences.

a.
| 1 | 1 |

$1 + 1 = 2$
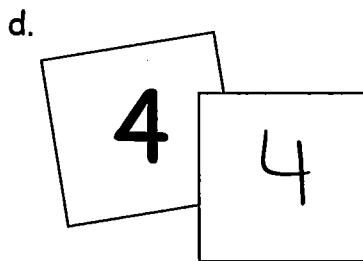
b.
| 2 | 2 |

$2 + 2 = 4$

c.
| 3 | 3 |

$3 + 3 = 6$

d.
| 4 | 4 |

$4 + 4 = 8$

e.
| 5 | 5 |

$5 + 5 = 10$

EUREKA MATH™ | Lesson 21:   Visualize and solve doubles and doubles plus 1 with 5-group cards.
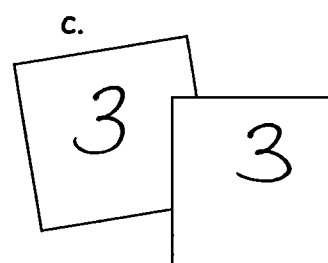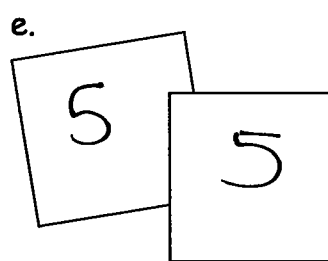
Module 1

3. Solve the number sentences.

a. 3 + 3 = _6_

b. 5 + _5_ = 10

c. 1 + _1_ = 2

d. 4 = _2_ + 2

e. 8 = 4 + _4_

4. Match the top cards to the bottom cards to show doubles plus 1.

a. **1**   b. **4**   c. **3**   d. **2**

5   **2**   **3**   **4**
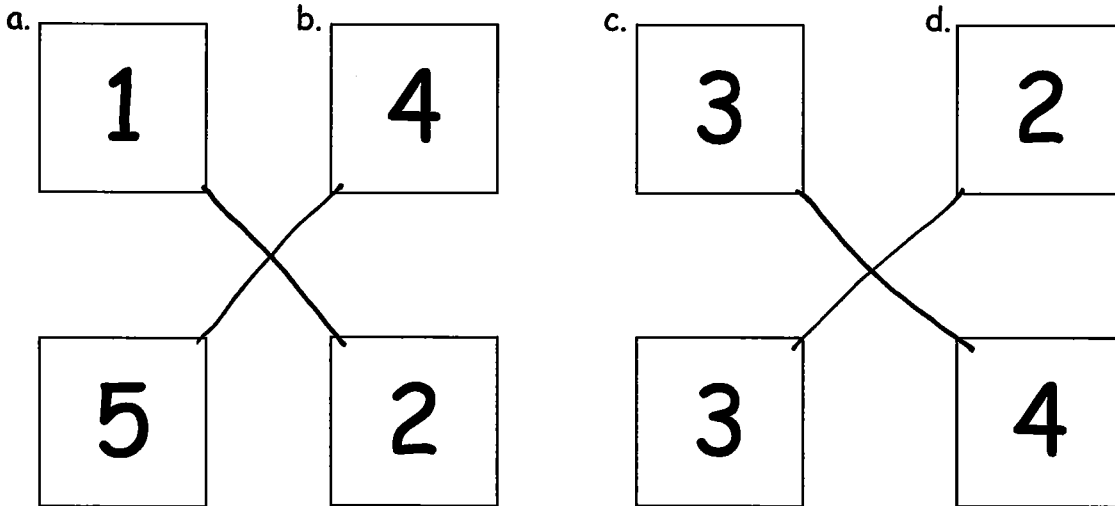
5. Solve the number sentences. Write the double fact that helped you solve the double plus 1.

a.

2 + 3 = _5_

2+2=4

b.

3 + _4_ = 7

3+3= 6

c.

4 + _5_ = 9

4+4=8

EUREKA MATH

Lesson 21:   Visualize and solve doubles and doubles plus 1 with 5-group cards.

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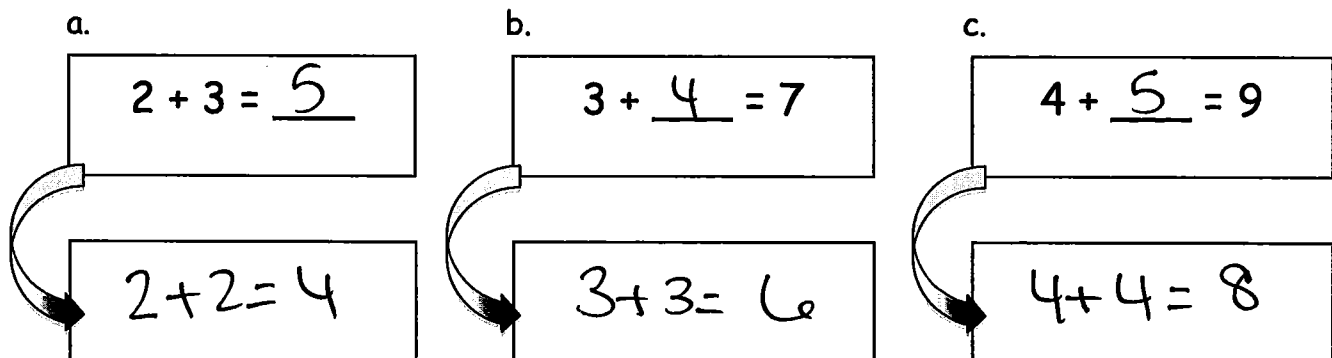
Name __Answer Key__   Date __Mod. 1__

Solve the problems without counting all. Color the boxes using the key.

Step 1: Color problems with "+ 1" or "1 +" blue.

Step 2: Color remaining problems with "+ 2" or "2 +" green.

Step 3: Color remaining problems with "+ 3" or "3 +" yellow.

* color in order of the steps!

a. blue 7 + 1 = __8__	b. blue 8 + __1__ = 9	c. blue 3 + 1 = __4__	d. yellow 5 + 3 = __8__
e. green 5 + __2__ = 7	f. yellow 4 + __3__ = 7	g. yellow 6 + 3 = __9__	h. green 8 + __2__ = 10
i. blue 2 + 1 = __3__	j. blue 1 + __1__ = 2	k. blue 1 + __3__ = 4	l. green 6 + 2 = __8__
m. yellow 3 + __3__ = 6	n. blue 6 + __1__ = 7	o. green 3 + 2 = __5__	p. blue 5 + 1 = __6__
q. green 2 + 2 = __4__	r. green 4 + __2__ = 6	s. blue 4 + 1 = __5__	t. green 7 + 2 = __9__
u. blue 2 + __1__ = 3	v. blue 9 + 1 = __10__	w. yellow 7 + 3 = __10__	x. blue 1 + __2__ = 3

EUREKA MATH™ | Lesson 22:   Look for and make use of repeated reasoning on the addition chart by solving and analyzing problems with common addends.

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Name __Answer Key__   Date __Module 1__

Fill in the missing box, and find the totals for all expressions. Use your completed addition chart to help you.

1.

1 + 2	1 + 3
3	4
2 + 2	2 + 3
4	5
3 + 2	3 + 3
5	6

2.

6 + 1	6 + 2
7	8
7 + 1	7 + 2
8	9
7 + 2	8 + 2
9	10
9 + 1	
10	

3.

4 + 4	4 + 5	4 + 6
8	9	10
5 + 4	5 + 5	
9	10	
6 + 4		
10		

4.

2 + 4	2 + 5	2 + 6
6	7	8
3 + 4	3 + 5	3 + 6
7		9

Name __Answer Key__   Date __Module 1__

Solve and sort the number sentences. One number sentence can go in more than one place when you sort.

| 5 + 1 = 6 | 6 + 2 = 8 | 2 + 3 = 5 |

| 3 + 3 = 6 | 7 + 1 = 8 | 2 + 2 = 4 |

| 8 = 4 + 4 | 8 + 2 = 10 | 3 + 4 = 7 |

| 9 = 5 + 4 | 10 = 1 + 9 | 7 = 5 + 2 |

Doubles	Doubles +1	+1	+2	Mentally visualized 5-groups
3+3=6	4+5=9	5+1=6	6+2=8	
4+4=8	2+3=5	7+1=8	8+2=10	
2+2=4	3+4=7	1+9=10	2+3=5	
7+7=14	5+6=11	4+1=5	2+2=4	
			5+2=7	

Write your own number sentences, and add them to the chart.

| 7+7= 14 | 4+1=5 | 5+6= 11 |

EUREKA MATH™ | Lesson 24: Practice to build fluency with facts to 10.

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Solve and practice math facts.

1 + 0	1 + 1	1 + 2	1 + 3	1 + 4	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
1	2	3	4	5	6	7	8	9	10

2 + 0	2 + 1	2 + 2	2 + 3	2 + 4	2 + 5	2 + 6	2 + 7	2 + 8
2	3	4	5	6	7	8	9	10

3 + 0	3 + 1	3 + 2	3 + 3	3 + 4	3 + 5	3 + 6	3 + 7
3	4	5	6	7	8	9	10

4 + 0	4 + 1	4 + 2	4 + 3	4 + 4	4 + 5	4 + 6
4	5	6	7	8	9	10

5 + 0	5 + 1	5 + 2	5 + 3	5 + 4	5 + 5
5	6	7	8	9	10

6 + 0	6 + 1	6 + 2	6 + 3	6 + 4
6	7	8	9	10

7 + 0	7 + 1	7 + 2	7 + 3
7	8	9	10

8 + 0	8 + 1	8 + 2
8	9	10

9 + 0	9 + 1
9	10

10 + 0
10

Name **Answer Key**   Date **Mod. 1**

Break the total into parts. Write a number bond and addition and subtraction number sentences to match the story.

2 + 1 = 3

3 − 2 = 1

1. Six flowers bloomed on Monday. Some more bloomed on Tuesday. Now, there are 8 flowers. How many flowers bloomed on Tuesday?
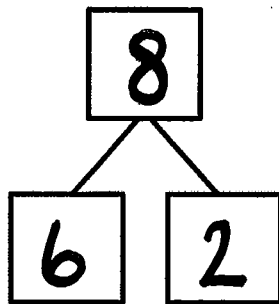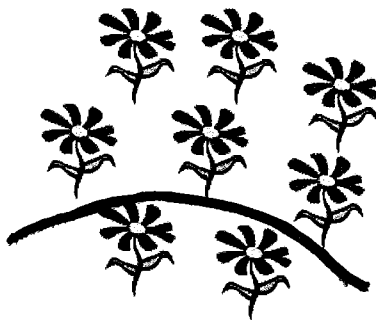
$6 \; (+) \; 2 \; = \; 8$

$8 \; (-) \; 6 \; = \; 2$

2 _____ flowers bloomed on Tuesday.

Number bond: 8 → 6, 2

2. Below are the balloons that Mom bought. She bought 4 balloons for Bella, and the rest of the balloons were for Jim. How many balloons did she buy for Jim?

$4 \; (+) \; 5 \; = \; 9$

$9 \; (-) \; 4 \; = \; 5$
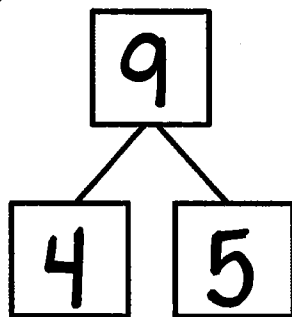
Number bond: 9 → 4, 5

Mom bought Jim **5** _____ balloons.

EUREKA MATH | Lesson 25: Solve *add to with change unknown* math stories with addition and relate to subtraction. Model with materials and write corresponding number sentences.

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Mod. 1

Draw a picture to solve the math story.

3. Missy buys some cupcakes and 2 cookies. Now, she has 6 desserts. How many cupcakes did she buy?
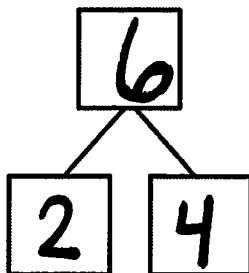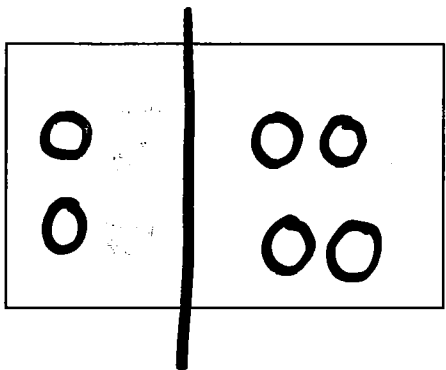
$$2 + 4 = 6$$

$$6 - 2 = 4$$

Missy bought ___4___ cupcakes.

4. Jim invited 9 friends to his party. Three friends arrived late, but the rest came early. How many friends came early?
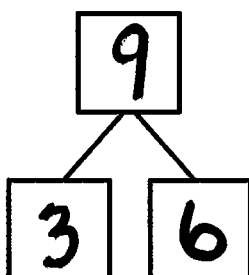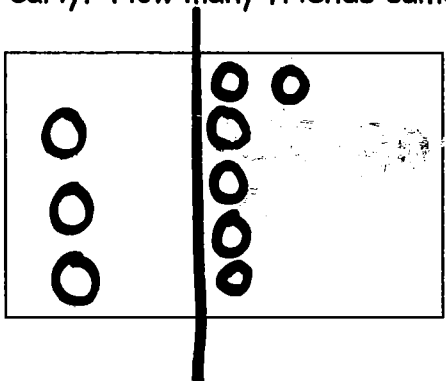
$$3 + 6 = 9$$

$$9 - 3 = 6$$

___6___ friends came early.

5. Mom paints her fingernails on both hands. First, she paints 2 red. Then, she paints the rest pink. How many fingernails are pink?
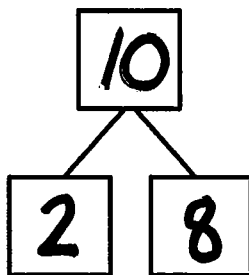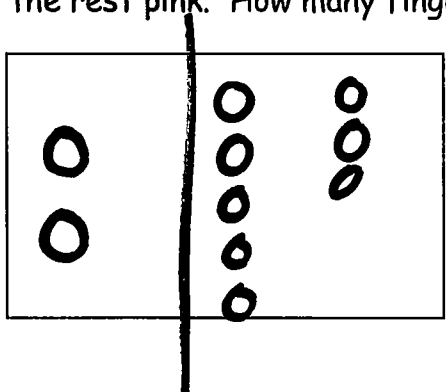
$$2 + 8 = 10$$

$$10 - 2 = 8$$

Mom paints ___8___ fingernails pink.

EUREKA MATH™

Lesson 25: Solve *add to with change unknown* math stories with addition and relate to subtraction. Model with materials and write corresponding number sentences.

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Name **Answer Key**   Date **Mod. 1**

Use the number path to solve.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

3 – 2 = __1__   ○ ○   2 + __1__ = 3

1.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

5 – 3 = __2__   ○○○   3 + __2__ = 5

2.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
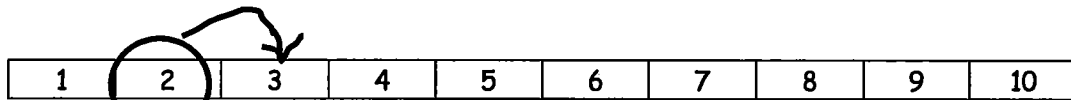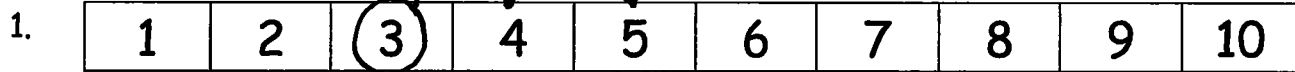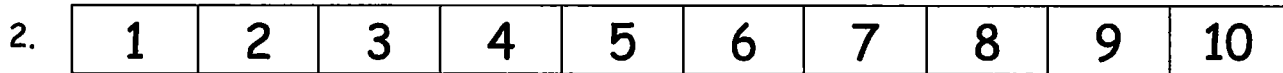
a. 8 – 6 = __2__
think: ⑥ 7 8

use your finger on the number path for each problem (or erase each time).

6 + __2__ = 8

b. 7 – 4 = __3__

4 + __3__ = 7

c. 8 – 2 = __6__

_____

d. 9 – 6 = __3__

_____

make your own!

Mod. 1

Use the number path to solve. Match the addition sentence that can help you.
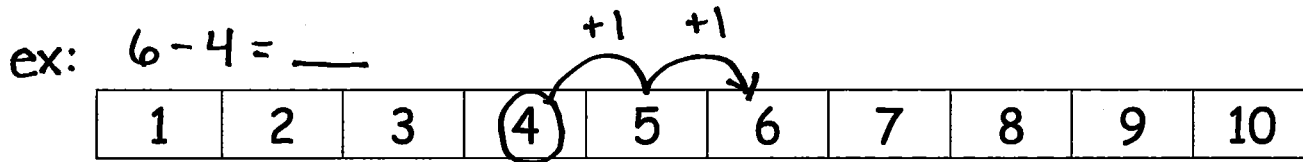
ex: 6 - 4 = ___

$$\overset{+1 \qquad +1}{\frown \frown}$$

| 1 | 2 | 3 | ④ | 5 | 6 | 7 | 8 | 9 | 10 |

3. a. 6 - 4 = _2_

    b. 9 - 5 = _4_

    c. 10 - 6 = _4_

    d. 10 - 7 = _3_

    6 + 4 = 10

    10 = 7 + 3

    4 + 5 = 9

    6 = 4 + 2

4. Write an addition and subtraction number sentence for the number bond. You may use the number path to solve.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

a.   ⑧
    ③ ⑤   8 - 3 = 5
              3 + 5 = 8

b.   ⑨
    ⑥ ③   9 - 3 = 6
              3 + 6 = 9

EUREKA MATH™ | Lesson 26:   Count on using the number path to find an unknown part.

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125
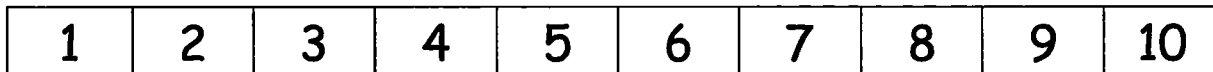
Name **Answer Key**   Date **Mod. 1**

Use the number path to complete the number bond, and write an addition and a subtraction sentence to match.

1.

Number Path

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

a.
10
/\
7   3

$$7 + 3 = 10$$

$$10 - 7 = 3$$

b.
10
/\
4   6
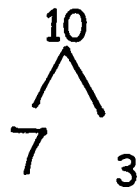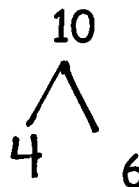
$$4 + 6 = 10$$

$$10 - 4 = 6$$

2. Solve the number sentences. Pick the best way to solve. Check the box.

➡   ⬅

Count on   **Count back**

a. 9 - 7 = __2__   ☑   ☐

b. 8 - 2 = __6__   ☐   ☑

c. 7 - 5 = __2__   ☑   ☐

EUREKA MATH | Lesson 27:   Count on using the number path to find an unknown part.

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Mod. 1

3. Solve the number sentence. Pick the best way to solve. Use the number path to show why.

Count on   Count back

➡   ⬅

a. 7 - 5 = __2__   ☑   ☐

count on

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

count back

I counted ___on___ because it needed fewer hops.

b. 9 - 1 = 8   ➡ ☐   ⬅ ☑

count on

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

count back

I counted ___back___ because it needed fewer hops.

c. 10 - 8 = __2__   ➡ ☑   ⬅ ☐

Make a math drawing or write a number sentence to show why this is best.

Count on

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
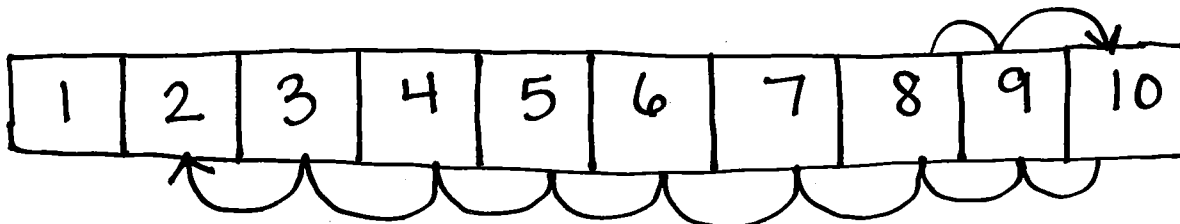
Count back

EUREKA MATH™ | Lesson 27:   Count on using the number path to find an unknown part.

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Name **Answer Key**   Date **Module 1**

Read the story. Make a math drawing to solve.

1. There were 6 hot dogs on the grill. Two finish cooking and are removed. How many hot dogs remain on the grill?

   O O O O O Ø

   6
   2 4
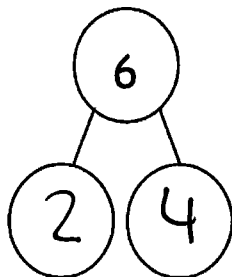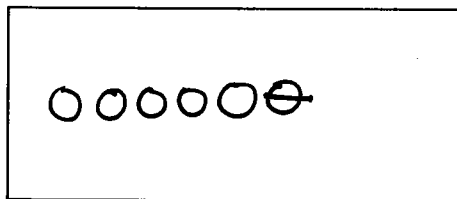
   $6 - 2 = 4$

   There are __4__ hot dogs remaining on the grill.

2. Bob buys 8 new toy cars. He takes 3 out of the bag.

   How many cars are still in the bag?

   O O O O O
   Ø Ø Ø

   8
   3 5
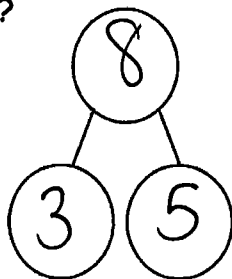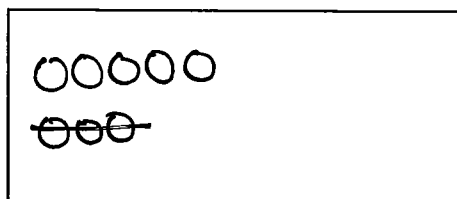
   $8 - 3 = 5$

   __5__ cars are still in the bag.

3. Kira sees 7 birds in the tree. Three birds fly away. How many birds are still in the tree?

   O O O O Ø
   Ø Ø

   7
   3 4

   $7 - 3 = 4$

   __4__ birds are still in the tree.

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Lesson 28: Solve *take from with result unknown* math stories with math drawings, true number sentences, and statements, using horizontal marks to cross off what is taken away.

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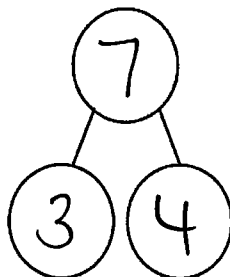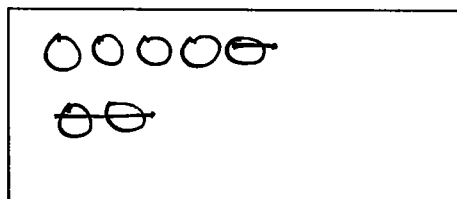
Module 1

4. Brad has 9 friends over for a party. Six friends get picked up. How many friends are still at the party?
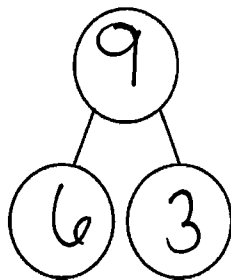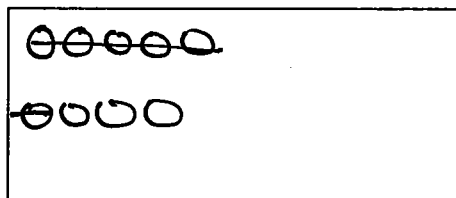
$9 - 6 = 3$

3 friends are still at the party.

5. Jordan was playing with 10 cars. He gave 7 to Kate. How many cars is Jordan playing with now?

$\_ = 10 - 7$
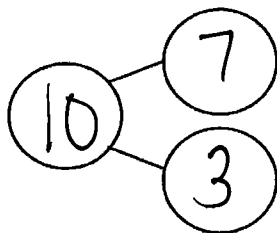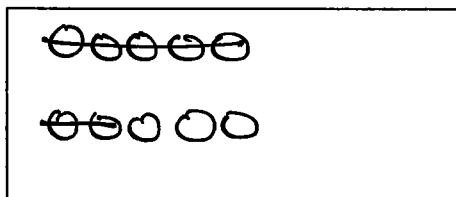
Jordan is playing with 3 cars now.

6. Tony takes 4 books from the bookshelf. There were 10 books on the shelf to start. How many books are on the shelf now?
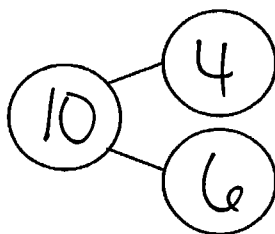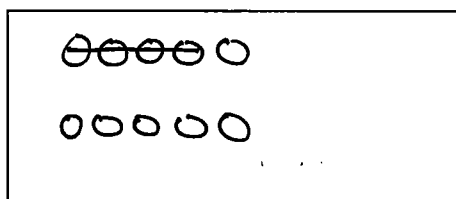
$6 = 10 - 4$

6 books are on the shelf now.

Name **Answer Key**   Date **Mod. 1**

Read the math stories. Make math drawings to solve.

$$5 - 4 = 1$$

1. Tom has a box of 7 crayons. Five crayons are red. How many crayons are not red?
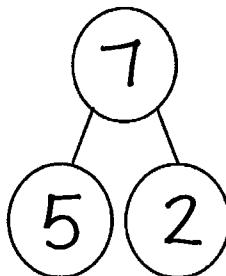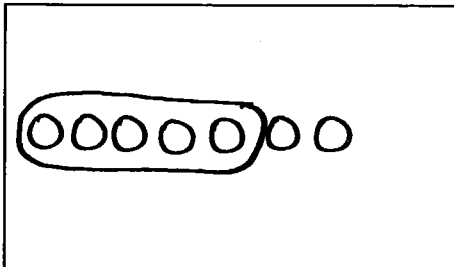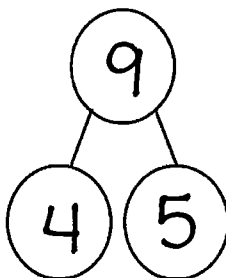
$$7 - 5 = 2$$

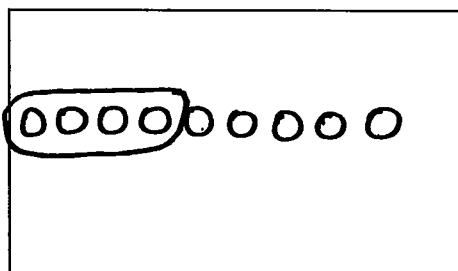$\underline{2}$ crayons are not red.

2. Mary picks 8 flowers. Two are daisies. The rest are tulips. How many tulips does she pick?
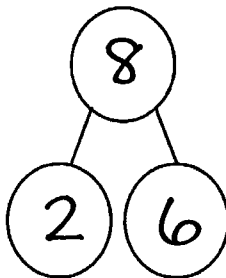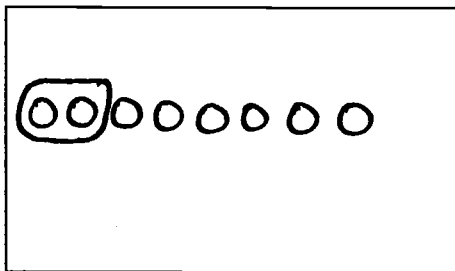
$$8 - 2 = 6$$

Mary picks $\underline{6}$ tulips.

3. There are 9 pieces of fruit in the bowl. Four are apples. The rest are oranges. How many pieces of fruit are oranges?

$$9 - 4 = 5$$
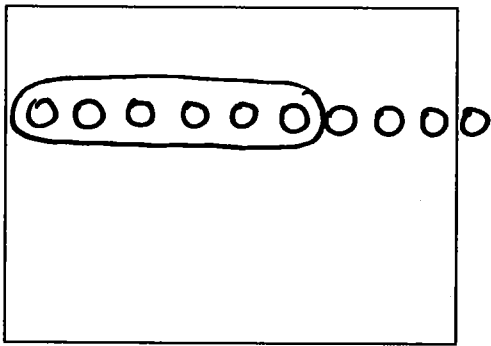
The bowl has $\underline{5}$ oranges.

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Lesson 29: | Solve *take apart with addend unknown* math stories with math drawings, equations, and statements, circling the known part to find the unknown.

Mod. 1

4. Mom and Ben make 10 cookies. Six are stars. The rest are round. How many cookies are round?
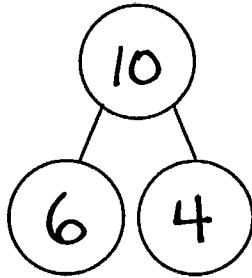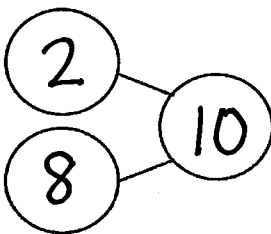
$10 - 6 = 4$

There are __4__ round cookies.

5. The parking lot has 7 spaces. Two cars are parked in the lot. How many more cars can park in the lot?
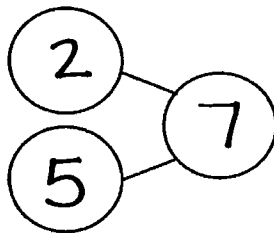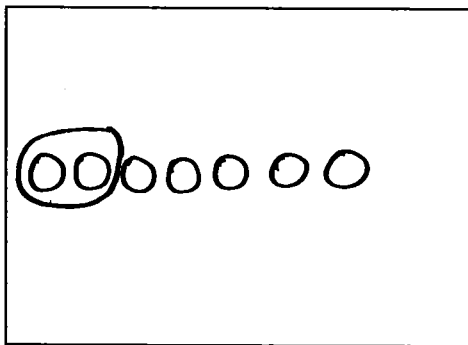
$7 - 2 = 5$

__5__ more cars can park in the lot.

6. Liz has 2 fingers with Band Aids. How many fingers are not hurt?
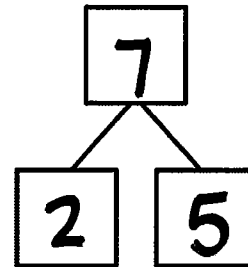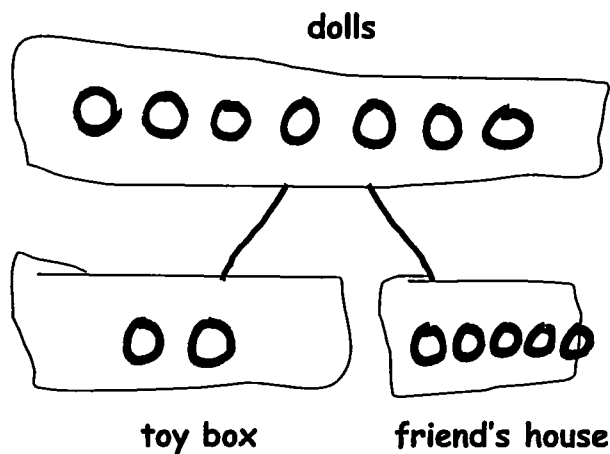
$10 - 2 = 8$

Write a statement for your answer:

Liz has 8 fingers that are not hurt.

Name __Answer Key__   Date __Mod. 1__

Solve the math stories. Draw and label a picture number bond to solve. Circle the unknown number.

1. Grace has a total of 7 dolls. She puts 2 in the toy box and takes the rest to her friend's house. How many dolls does she take to her friend's house?
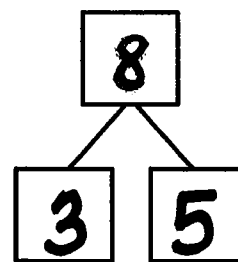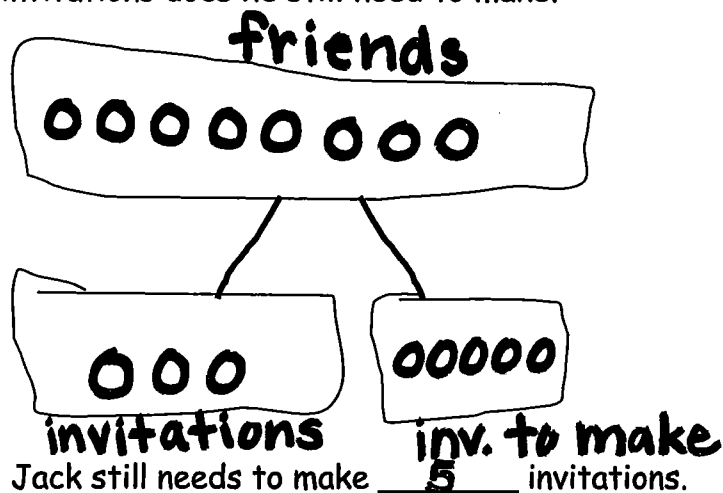
dolls

toy box   friend's house

Grace takes __5__ dolls to her friend's house.

$$\underline{2} + \underline{5} = 7$$

$$7 - \underline{2} = \underline{5}$$

2. Jack can invite 8 friends to his birthday party. He makes 3 invitations. How many invitations does he still need to make?

friends

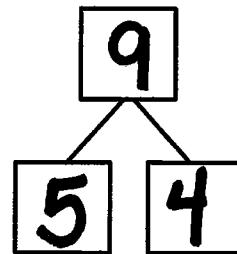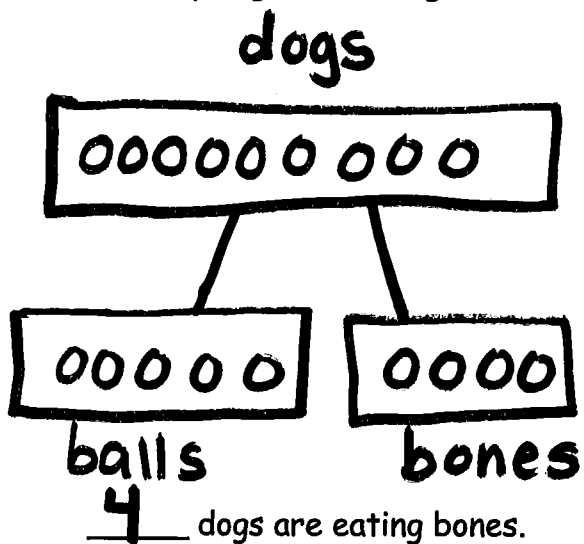invitations   inv. to make

Jack still needs to make __5__ invitations.

$$\underline{3} + \underline{5} = 8$$

$$8 - \underline{3} = \underline{5}$$

EUREKA MATH™ | Lesson 30: Solve *add to with change unknown* math stories with drawings, relating addition and subtraction.
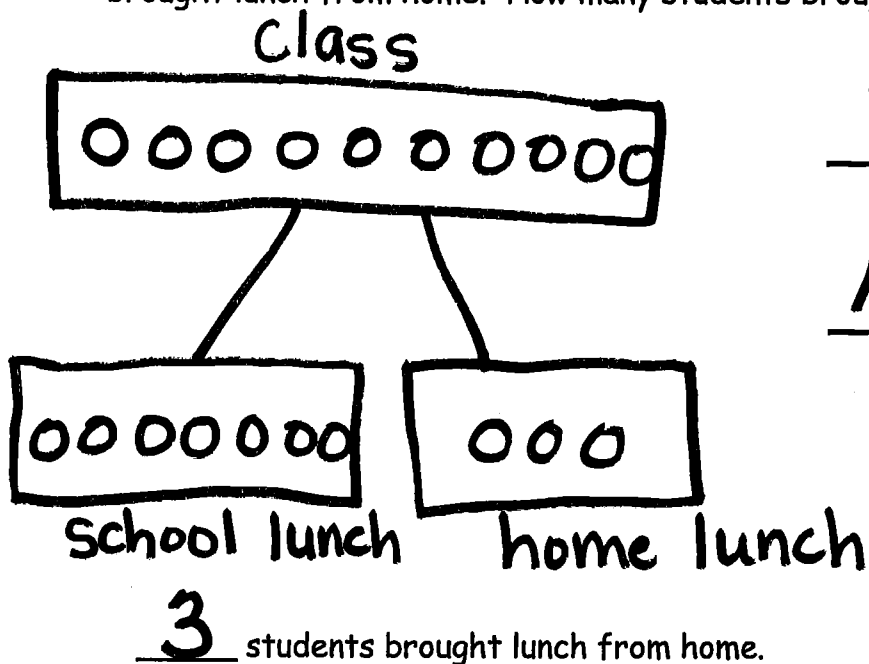
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Mod. 1

3. There are 9 dogs at the park. Five dogs play with balls. The rest are eating bones. How many dogs are eating bones?

dogs

$$5 + 4 = 9$$

$$9 - 5 = 4$$

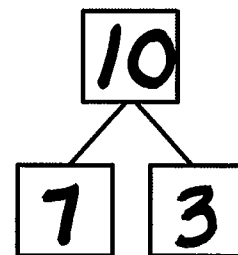balls   bones

__4__ dogs are eating bones.

4. There are 10 students in Jim's class. Seven bought lunch at school. The rest brought lunch from home. How many students brought lunch from home?

Class

$$7 + 3 = 10$$

$$10 - 7 = 3$$

School lunch   home lunch

__3__ students brought lunch from home.

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Lesson 30:   Solve *add to with change unknown* math stories with drawings, relating addition and subtraction.