engage^{ny} / **Eureka Math**

formative
learning
assessment
students
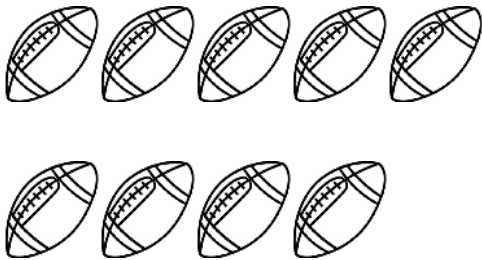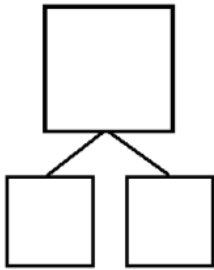results
teachers

Exit Tickets

GRADE 1
MODULE 1

Version 3

Name _____ Date _____
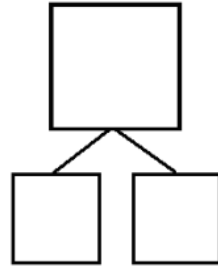
Make a number bond for the pictures that shows 5 as one part.

1.

2.

Lesson 1: Analyze and describe embedded numbers (to 10) using 5-groups and number bonds.
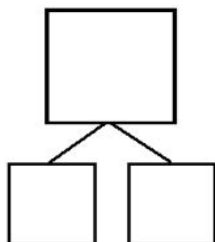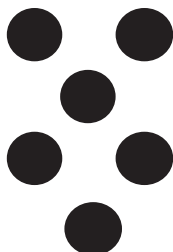
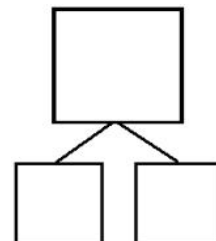©2015 Great Minds. eureka-math.org

Name _____   Date _____

Circle 2 parts you see. Make a number bond to match.

1.

2.

3.

4.

1
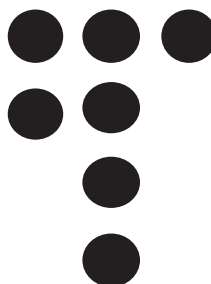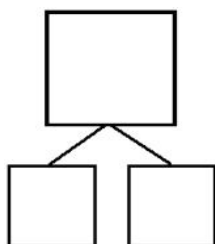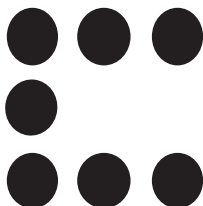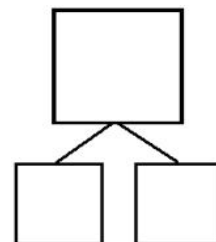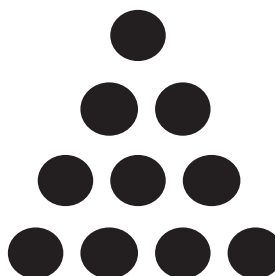
Name _____   Date _____

How many objects do you see? Draw one more. How many objects are there now?

1.
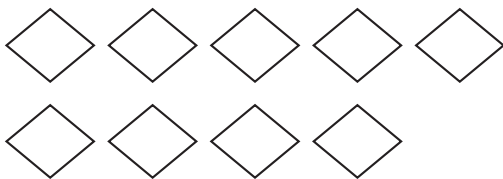
```
_____ is 1 more than 9.

9 + 1 = _____
```

2.

```
1 more than 6 is _____.

_____ + 1 = _____
```

EUREKA MATH   **Lesson 3:**   See and describe numbers of objects using *1 more* within 5-group
                                        configurations.

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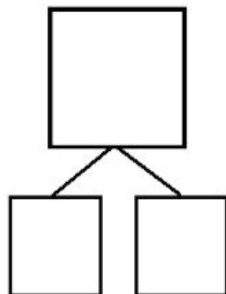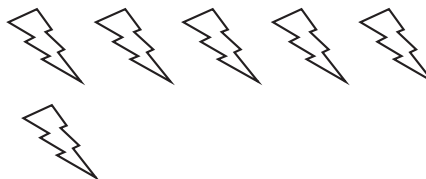
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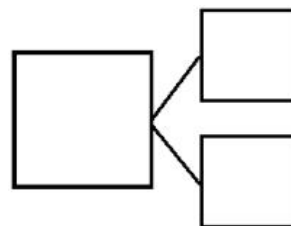
Name _____   Date _____

Show different ways to make 6. In each set, shade some circles and leave the others blank.

○○○○○○

○○○○○○

○○○○○○
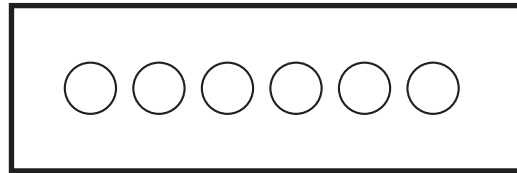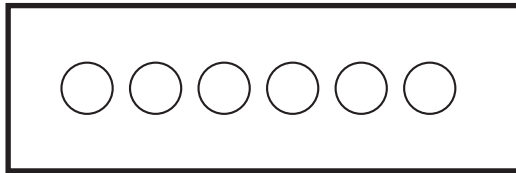
Write a number bond to match this picture.

○○○○○○

Write a number sentence to match this picture.

☐ + ☐ = ☐

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Lesson 4:   Represent *put together* situations with number bonds. Count on from one embedded number or part to totals of 6 and 7, and generate all addition expressions for each total.

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1

Name _____   Date _____

Color in two dice that make 7 together. Then, fill in the number bond and number sentences to match the dice you colored.

| □ $+$ □ = 7 | 7 $=$ □ $+$ □ |
| □ $+$ □ = 7 | 7 $=$ □ $+$ □ |

7

Lesson 5:   Represent *put together* situations with number bonds. Count on from one embedded number or part to totals of 6 and 7, and generate all addition expressions for each total.

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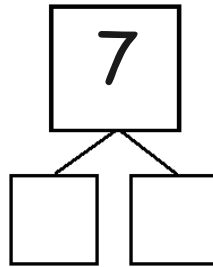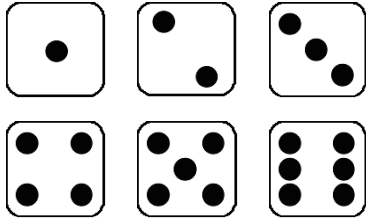
Name _____   Date _____

Fill in the missing part of the number bond, and count on to find the total. Then, write 2 addition sentences for each number bond.

1.

5

☐ ⊕ ☐ = ☐

☐ ⊕ ☐ = ☐

2.

6

☐ = ☐ ⊕ ☐

☐ = ☐ ⊕ ☐

Lesson 6:   Represent *put together* situations with number bonds. Count on from
one embedded number or part to totals of 8 and 9, and generate all
expressions for each total.

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1

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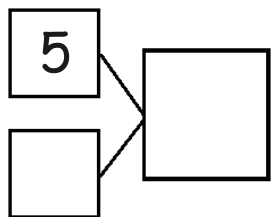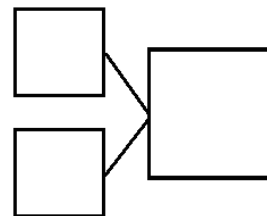
Name _____   Date _____

1. Circle the pairs of numbers that make 9.
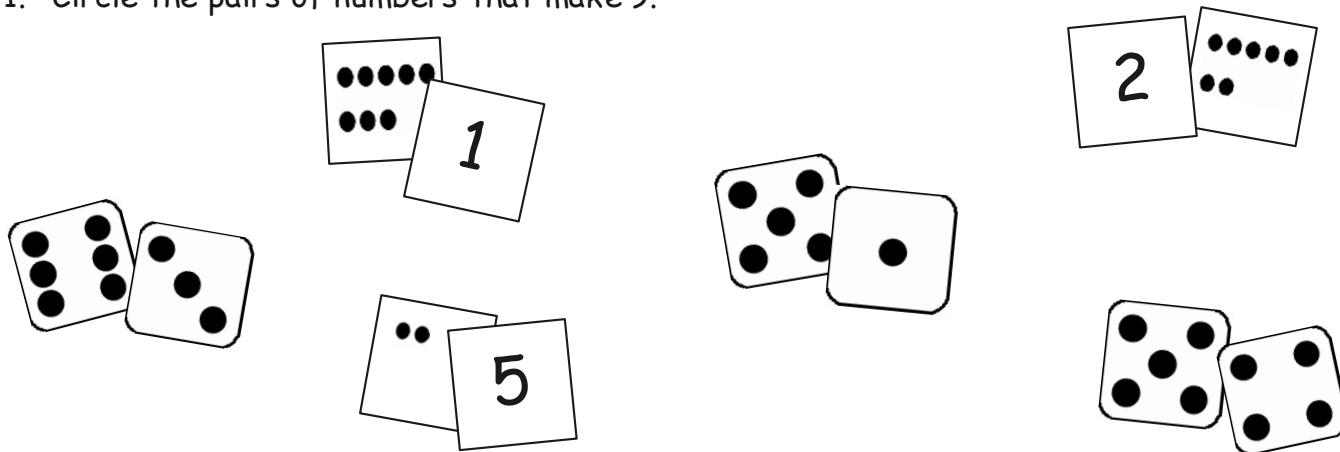
2. Complete the number bonds to show 2 different ways to make 9.

a.

☐ ⟨ 4 / ☐   ☐ + ☐

b.

☐ ⟨ ☐ ☐   ☐ + ☐

Lesson 7:   Represent *put together* situations with number bonds. Count on from one embedded number or part to totals of 8 and 9, and generate all expressions for each total.

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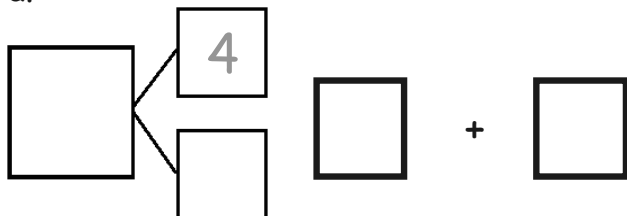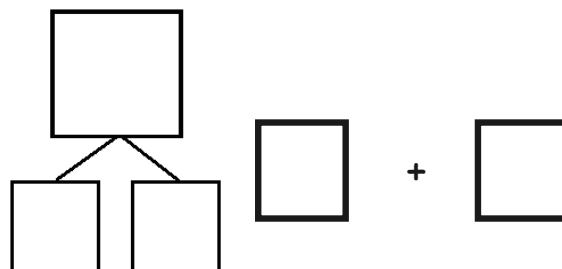
Name _____ Date _____

Color the partners that make 10.

7 •••

•••• 6

8 ••

6 •••

1 9

5 4

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Lesson 8: Represent all the number pairs of 10 as number bonds from a given scenario, and generate all expressions equal to 10.

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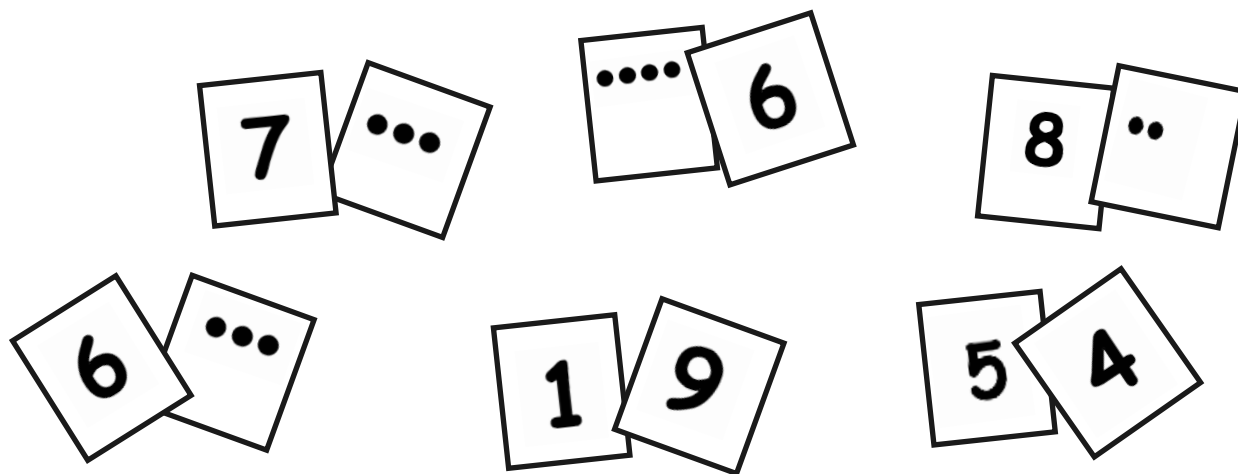
Name _____   Date _____

Draw a picture and write a number sentence to match the story.

Ben has 3 red balls and gets 5 green balls. How many balls does he have now?

$$\boxed{}$$

☐ **+** ☐ **=** ☐   Ben has _____ balls.

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MATH™   **Lesson 9:**   Solve *add to with result unknown* and *put together with result unknown* math stories by drawing, writing equations, and making statements of the solution.   **1**

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Name _____   Date _____

1. Draw to show the story. There are 3 large balls and 4 small balls.

$$\boxed{} \;+\; \boxed{} \;=\; \boxed{}$$

How many balls are there? There are _____ balls.

2. Circle the set of tiles that match your picture.

Lesson 10:   Solve *put together with result unknown* math stories by drawing and
using 5-group cards.

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1

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MATH™
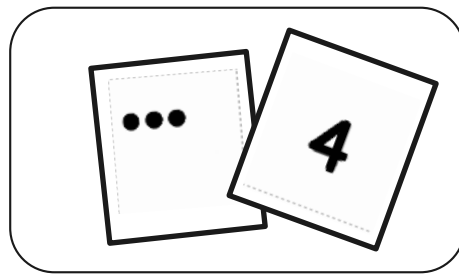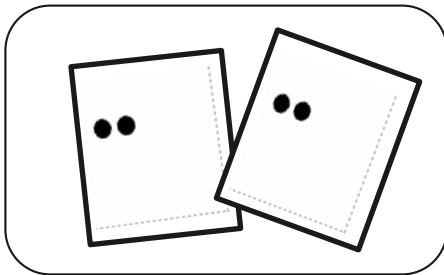
Name _____ Date _____

Draw more bears to show that Jen has 8 bears total.
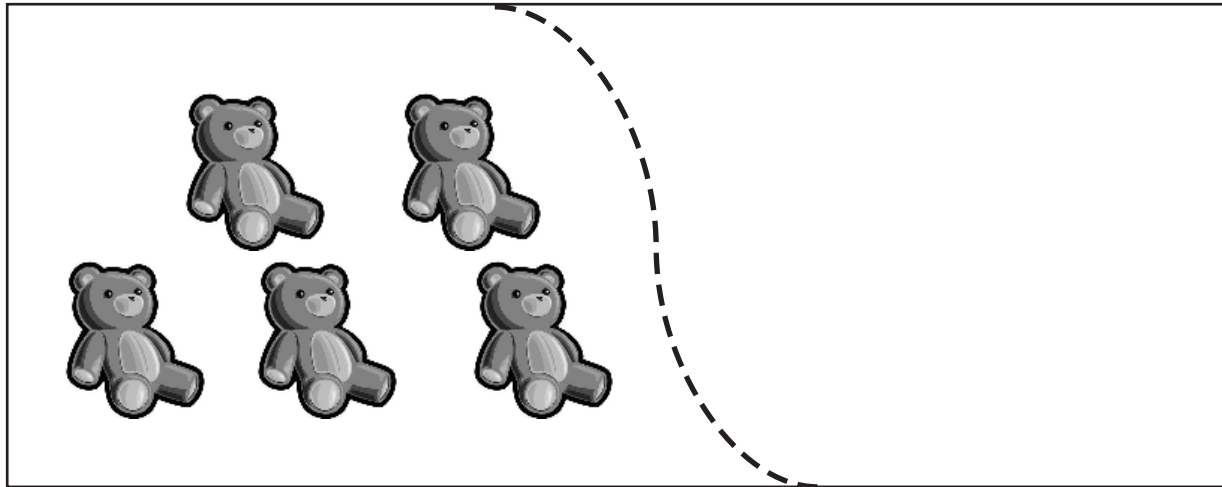
I added _____ more bears.

Write a number sentence to show how many bears you drew.

$\boxed{}$ $\bigoplus$ $\boxed{}$ = $\boxed{}$

Lesson 11: Solve *add to with change unknown* math stories as a context for counting on by drawing, writing equations, and making statements of the solution.

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1

Name _____   Date _____

Draw a picture, and count on to solve the math story.

Bob caught 5 fish. John caught some more fish. They had 7 fish in all. How many fish did John catch?

Write a number sentence to match your picture.

☐ **+** ☐ **=** ☐

John caught _____ fish.

EUREKA MATH

Name _____   Date _____

Tell a math story for each number sentence by drawing a picture.

1.   5 + 1 = 6

2.   3 + ? = 8

Lesson 13:   Tell *put together with result unknown, add to with result unknown*
add to with change unknown stories from equations.

1

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Name _____   Date _____

1.

6

$6 + 2 = \boxed{}$

I counted _____ hats in all.

2. Count on to solve the number sentences.

a.

$7 + 3 = \boxed{}$

b.

$8 + 2 = \boxed{}$

Lesson 14:   Count on up to 3 more using numeral and 5-group cards and fingers
to track the change.

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1

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Name _____   Date _____
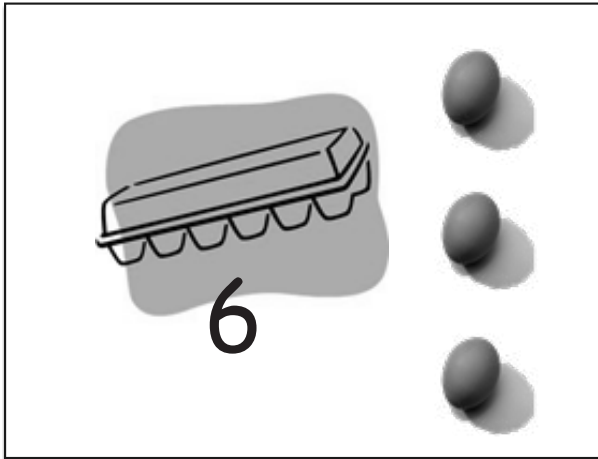
Use the picture to add.   Show the shortcut you used to add.

6

⬜ + ⬜ = ⬜   There are _____ eggs total.

EUREKA MATH   Lesson 15:   Count on up to 3 more using numeral and 5-group cards and fingers   1
                              to track the change.

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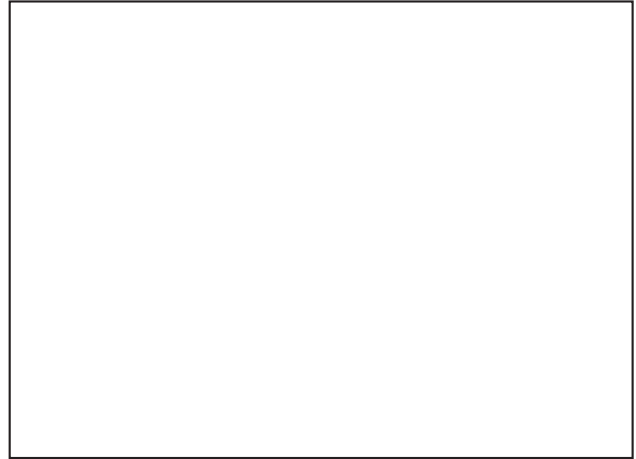
Name _____ Date _____

Solve the number sentences. (Circle) the tool or strategy you used.

a. $5 + \boxed{} = \boxed{7}$

I counted on using

Or

I just knew

b. $6 + \boxed{} = \boxed{9}$

I counted on using

Or

I just knew

Lesson 16: Count on to find the unknown part in missing addend equations such as 6 + __ = 9. Answer, "How many more to make 6, 7, 8, 9, and 10?"

1

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Name _____   Date _____

1. Use math drawings to make the pictures equal. Connect them below with = to make true number sentences.

   _____   _____
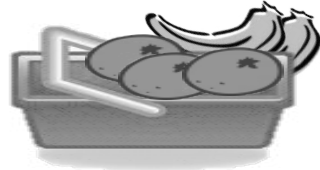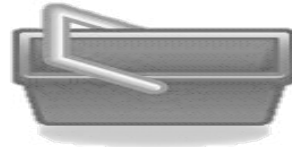
2. Shade the equal dominoes. Write a true number sentence.

   _____   _____

Lesson 17:   Understand the meaning of the equal sign by pairing equivalent expressions and constructing true number sentences

1
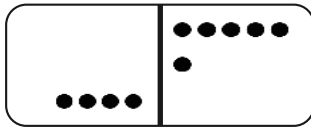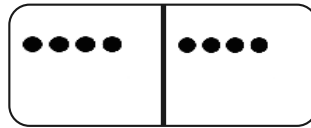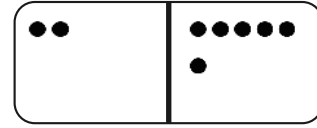
Name _____ Date _____

Find two ways to fix each number sentence to make it true.

a.

| 7 + 3 = 6 + 2 |

$$7 + 3 \;=\; 6 + 4$$

_____ _____

_____ _____

b.

| 8 + 1 = 3 + 5 |

_____ _____

_____ _____

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Lesson 18: Understand the meaning of the equal sign by pairing equivalent
expressions and constructing true number sentences.

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1

Name _____ Date _____

Use the picture and write the number sentences to show the parts in a different order.

____ + ____ = ____   ____ = ____ + ____

____ + ____ = ____   ____ = ____ + ____

Lesson 19: Represent the same story scenario with addends repositioned (the commutative property).

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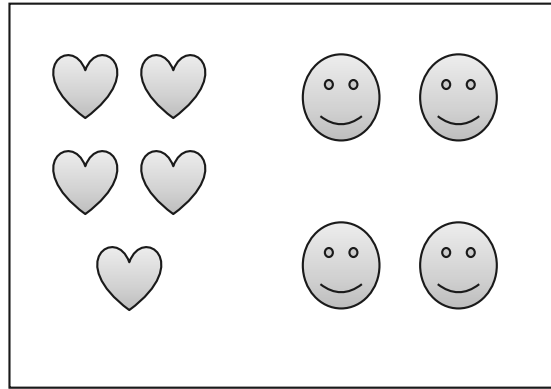
Name _____   Date _____

Circle the larger part, and complete the number bond. Write the number sentence, starting with the larger part.

a.

(number bond: top circle empty, bottom left 3, bottom right 5)

□ (+) □ = □

b.

(number bond: left circle empty, top right 2, bottom right 7)

□ (+) □ = □

Lesson 20:   Apply the commutative property to count on from a larger addend.

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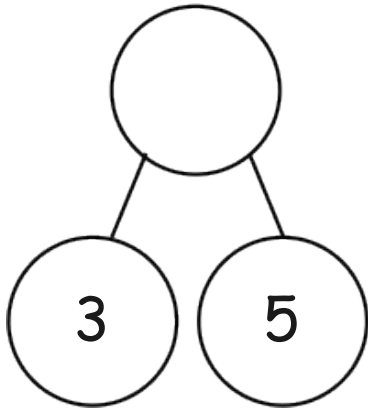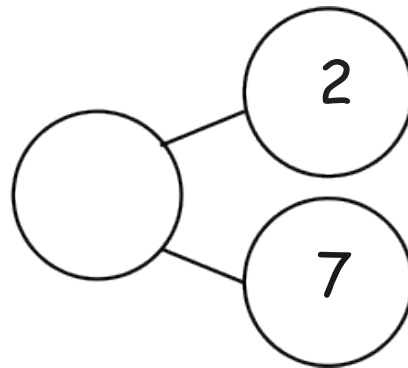
Name _____   Date _____

Write the double and double plus 1 number sentence for each 5-group card.

| ⋮ | 4 | 5 |

_____   _____   _____

_____   _____   _____

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

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1
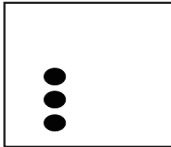
Name _____ Date _____

Some of the addends in this chart are missing! Fill in the missing numbers.

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

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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1

Name _____   Date _____

1. Circle all the boxes that total 10.

2. Draw an X through all the boxes that total 8.

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

Lesson 23:   Look for and make use of structure on the addition chart by looking
for and coloring problems with the same total.

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1

Name _____   Date _____

Solve the number sentences. Use the key to color. Once the box is colored, you do not need to color it again.

a. $5 + 2 =$ _____	b. $7 + 2 =$ _____	c. $2 + 3 =$ _____
d. $3 + 3 =$ _____	e. $7 = 1 +$ _____	f. $2 = 1 +$ _____
g. _____ $= 4 + 4$	h. $8 + 2 =$ _____	i. $3 + 4 =$ _____
j. _____ $= 5 + 4$	k. $10 = 1 +$ _____	l. $10 = 5 +$ ___

Color doubles red.

Color +1 blue.

Color +2 green.
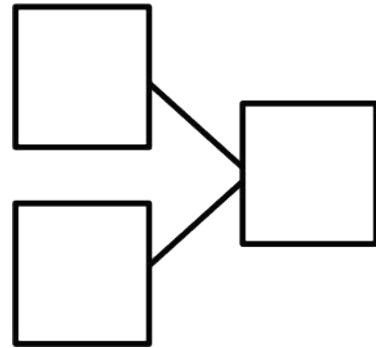
Color doubles +1 brown.

Challenge:

List the number sentences that can be colored more than 1 way.

_____   _____

Name _____   Date _____

Solve the math story. Complete the number bond and number sentences. Color the unknown number yellow.

Rich bought 6 cans of soda on Monday.
He bought some more on Tuesday.
Now, he has 9 cans of soda.
How many cans did Rich buy on Tuesday?

Rich bought _____ cans.

$$\square \ \ (+) \ \ \square \ = \ \square$$

$$\square \ \ (-) \ \ \square \ = \ \square$$

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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1

Name _____   Date _____

Use the number path to solve. Write the addition sentence you used to help you solve.

1	2	3	4	5	6	7	8	9	10

a. $7 - 5 =$ _____   _____

b. $9 - 2 =$ _____   _____

c. _____ $= 10 - 3$ _____

Name _____   Date _____

To solve 7 - 6, Ben thinks you should count back, and Pat thinks you should count on. Which is the best way to solve this expression? Make a simple math drawing to show why.
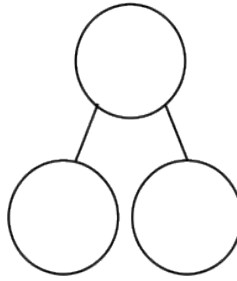
$$7 - 6 = \underline{\hspace{3cm}}$$

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

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1

Name _____   Date _____

Read the problem. Make a math drawing to solve.

There were 9 kites flying in the park. Three kites got caught in trees. How many kites were still flying?
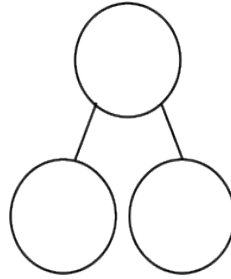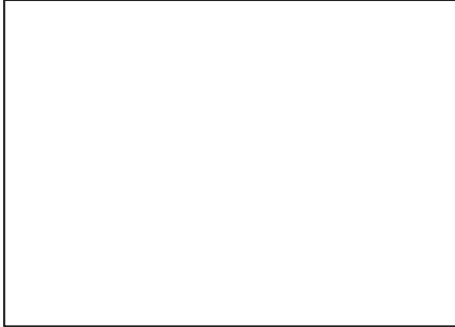
_____ - _____ = _____

_____ kites were still flying.

Name _____   Date _____

Read the story. Make a math drawing to solve.

There are 9 baseball players on the team. Seven are on the bench. How many are not on the bench?
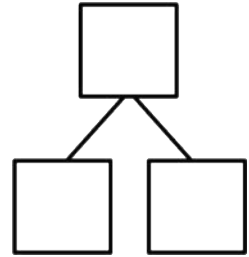
_____ - _____ = _____

_____ players are not on the bench.

Name _____   Date _____

Draw and label a picture number bond to solve.

Toby collects shells. On Monday, he finds 6 shells. On Tuesday, he finds some more.
Toby finds a total of 9 shells. How many shells does Toby find on Tuesday?

_____ + _____ = _____

_____ - _____ = _____

Toby finds _____ shells on Tuesday.

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

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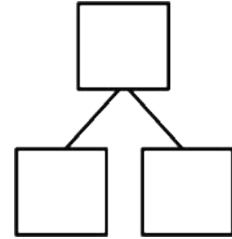
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1

Name _____   Date _____

Make a math drawing, and circle the part you know. Cross out the unknown part.
Complete the number sentence and number bond.

Deb blows up 9 balloons. Some balloons popped. Three balloons are left.
How many balloons popped?

_____ balloons popped.

$$\Box - \Box = \Box$$

Lesson 31:   Solve *take from with change unknown* math stories with drawings.

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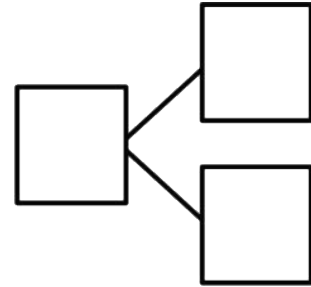
1

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Name _____   Date _____

Read the math story. Make a math drawing and solve.

Glenn has 9 pens. Five are black. The rest are blue. How many pens are blue?

_____ pens are blue.

_____ - _____ = _____   _____ + _____ = _____

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Lesson 32:   Solve *put together/take apart with addend unknown* math stories.

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1

Name _____   Date _____

Complete the number sentences. If you want, use 5-group drawings to show the subtraction.

1.   2.

   $9 - 1 = $ _____ $8 = $ _____ $- 0$

3.   4.

   $8 = $ _____ $- 1$ $10 = 10 - $ _____

Name _____   Date _____

Make 5-group drawings to show the subtraction.

1.

$9 - \underline{\quad} = 1$

2.

$0 = 10 - \underline{\quad}$

3.

$1 = \underline{\quad} - 7$

4.

$0 = \underline{\quad} - 9$

EUREKA MATH

Lesson 34:   Model $n - n$ and $n - (n - 1)$ pictorially and as subtraction sentences.

1

Name _____ Date _____

Solve the number sentences. Make a number bond.
Draw a picture or write a statement about the strategy that helped you.

Doubles helped me solve!
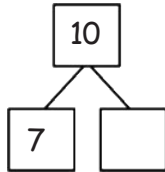
$6 - 3 = 3$

1. _____ − 5 = 5

2. 8 − _____ = 4

3. 9 − ___ = 4

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Lesson 35: Relate subtraction facts involving fives and doubles to corresponding decompositions.

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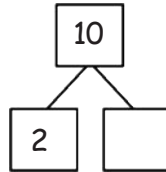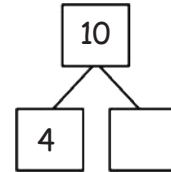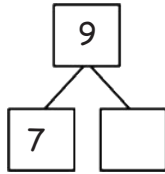Name _____   Date _____

Fill in the missing part. Draw a math picture if needed. Write the 2 matching subtraction sentences.

1.
```
   ┌────┐
   │ 10 │
   └────┘
    ╱    ╲
┌────┐ ┌────┐
│  7 │ │    │
└────┘ └────┘
```

_____

_____

2.
```
   ┌────┐
   │ 10 │
   └────┘
    ╱    ╲
┌────┐ ┌────┐
│  2 │ │    │
└────┘ └────┘
```

_____

_____

3.
```
   ┌────┐
   │ 10 │
   └────┘
    ╱    ╲
┌────┐ ┌────┐
│  4 │ │    │
└────┘ └────┘
```

_____

_____

Name _____   Date _____

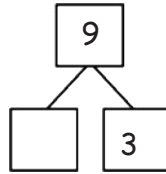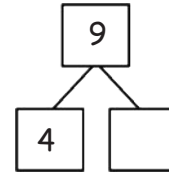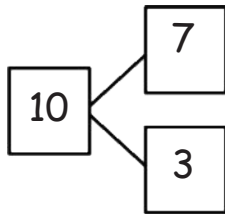Fill in the missing part. Draw a math picture if needed. Write the 2 matching subtraction sentences.

1.

```
    ┌───┐
    │ 9 │
    └───┘
    ╱   ╲
 ┌───┐ ┌───┐
 │ 7 │ │   │
 └───┘ └───┘
```

_____

_____

2.

```
    ┌───┐
    │ 9 │
    └───┘
    ╱   ╲
 ┌───┐ ┌───┐
 │   │ │ 3 │
 └───┘ └───┘
```

_____

_____

3.

```
    ┌───┐
    │ 9 │
    └───┘
    ╱   ╲
 ┌───┐ ┌───┐
 │ 4 │ │   │
 └───┘ └───┘
```

_____

_____

Name _____ Date _____

Write the related number sentences for the number bonds.

1.

```
        ┌─────┐
        │  7  │
┌─────┐ └─────┘
│ 10  │◁
└─────┘ ┌─────┐
        │  3  │
        └─────┘
```

____ - _____ = _____

____ + _____ = _____

____ ◯ _____ = _____

____ ◯ _____ = _____

2.

```
        ┌─────┐
        │  6  │
┌─────┐ └─────┘
│  9  │◁
└─────┘ ┌─────┐
        │  3  │
        └─────┘
```

____ - _____ = _____

____ + _____ = _____

____ ◯ _____ = _____

____ ◯ _____ = _____

Lesson 38: Look for and make use of repeated reasoning and structure using the addition chart to solve subtraction problems.

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1

Name _____   Date _____

Write the related number sentences for the number bonds.

1.

```
        ┌───┐
        │ 8 │
    ┌────┤   │
    │ 10 │   └───┘
    │    │  ┌───┐
    └────┤  │   │
         │  └───┘
```

_____ - _____ = _____

_____ + _____ = _____

____◯____ = ____

____◯____ = ____

2.

```
        ┌───┐
        │ 7 │
    ┌────┤   │
    │ 9  │   └───┘
    │    │  ┌───┐
    └────┤  │   │
         │  └───┘
```

_____ - _____ = _____

_____ + _____ = _____

____◯____ = ____

____◯____ = ____

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Lesson 39:   Analyze the addition chart to create sets of related addition and
subtraction facts.

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