Name _____   Date _____

Read the math story. Make a simple math drawing with labels. (Circle) 10 and solve.

1. Chris bought some treats. He bought 5 granola bars, 6 boxes of raisins, and 4 cookies. How many treats did Chris buy?

_____ + _____ + _____ = _____

10 + _____ = _____

Chris bought _____ treats.

---

2. Cindy has 5 cats, 7 goldfish, and 5 dogs. How many pets does she have in all?

_____ + _____ + _____ = _____

10 + _____ = _____

Cindy has _____ pets.

3. Mary gets stickers at school for good work. She got 7 puffy stickers, 6 smelly stickers, and 3 flat stickers. How many stickers did Mary get at school altogether?

_____ + _____ + _____ = _____

10 + _____ = _____

Mary got _____ stickers at school.

_____

4. Jim sat at a table with 4 teachers and 9 children. How many people were at the table after Jim sat down?

_____ + _____ + _____ = _____

_____ + _____ = _____

There were _____ people at the table after Jim sat down.

Name _____   Date _____

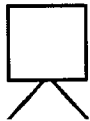Circle the numbers that make ten. Draw a picture. Complete the number sentence.

1. ⑥ + 2 + ④ = ☐

$$\boxed{10}$$

___6___ + _____ + ___2___ $\boxed{10}$ + _____ = _____

---

2. 5 + 3 + 5 = ☐

_____ + _____ + _____   10 + _____ = _____

---

3. 5 + 2 + 8 = ☐

_____ + _____ + _____   _____ + 10 = _____

4. $2 + 7 + 3 =$ ☐
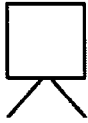
_____ + _____ + _____   _____ + 10 = _____

Circle the numbers that make ten, and put them into a number bond. Write a new number sentence.

5.

③ + 5 + ⑦ = _____   _____ + _____ = _____
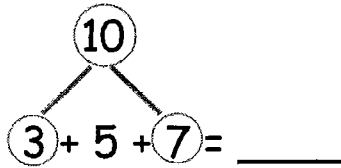
6.

$4 + 8 + 2 =$ _____   _____ + _____ = _____

Challenge: Circle the addends that make ten. Circle the true number sentences.

a. ⑤ + ⑤ + 3 = 10 + 3   c. 3 + 8 + 7 = 10 + 6

b. 4 + 6 + 6 = 10 + 6   d. 8 + 9 + 2 = 9 + 10

EUREKA MATH

Lesson 2:   Use the associative and commutative properties to make ten with three addends.

8

Name _____   Date _____

Draw, label, and (circle) to show how you made ten to help you solve.
Complete the number sentences.

1. Ron has 9 marbles, and Sue has 4 marbles.
    How many marbles do they have in all?

                    9 and _____ make _____.

                    10 and _____ make _____.

                    Ron and Sue have _____ marbles.

_____

2. Jim has 5 cars, and Tina has 9. How many cars do they have altogether?

                    9 and _____ make _____.

                    10 and _____ make _____.

                    Jim and Tina have _____ cars.

3. Stan has 6 fish, and Meg has 9. How many fish do they have in all?

9 + ____ = ____

10 + ____ = ____   Stan and Meg have ____ fish.

_____

4. Rick made 7 cookies, and Mom made 9. How many cookies did Rick and Mom make?

9 + ____ = ____

10 + ____ = ____   Rick and Mom made ____ cookies.

_____

5. Dad has 8 pens, and Tony has 9. How many pens do Dad and Tony have in all?

9 + ____ = ____

10 + ____ = ____

Dad and Tony have ____ pens.

Name _____   Date _____

Solve. Make math drawings using the ten-frame to show how you made 10 to solve.

$9 + 2 = 11$ $10 + 1 = 11$

1.   9 + 3 = ____   _____ + _____ = _____

2.   9 + 6 = ____   _____ + _____ = _____

3.   7 + 9 = ____   _____ + _____ = _____

EUREKA
MATH
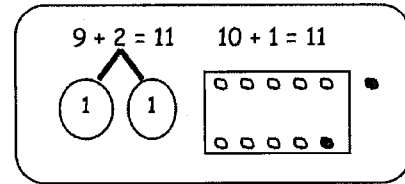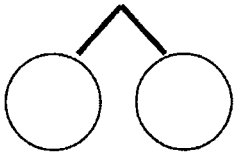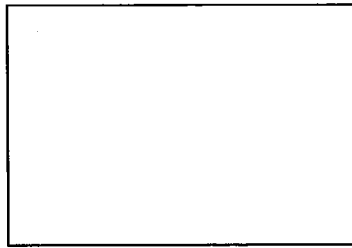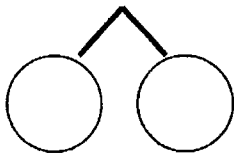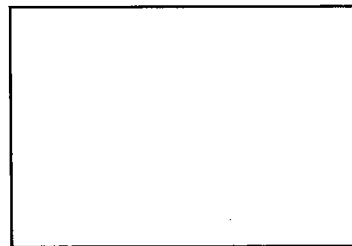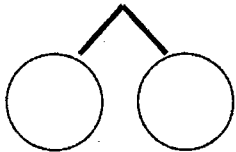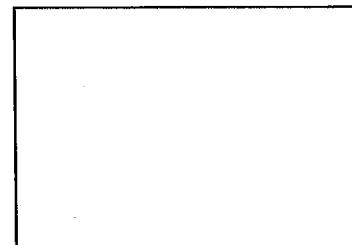
4. Match the number sentences to the bonds you used to help you make ten.

a. $9 + 8 =$ ___
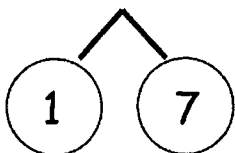
b.   ___ $= 9 + 6$
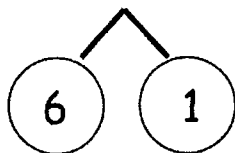
c. $7 + 9 =$ ___
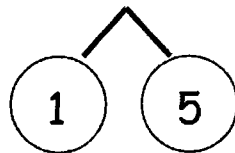
5. Show how the expressions are equal.

Use numbers bonds to make ten in the 9+ *fact* expression within the true number sentence. Draw to show the total.
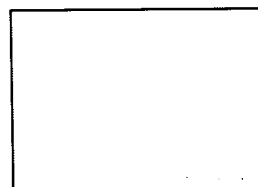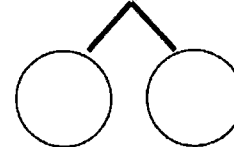
a. $9 + 2 = 10 + 1$

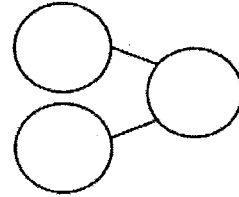b. $10 + 3 = 9 + 4$

c. $5 + 10 = 6 + 9$

EUREKA MATH
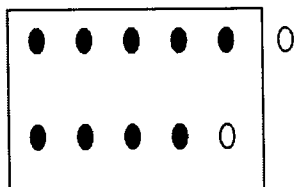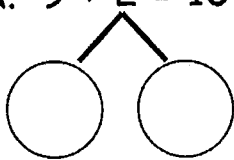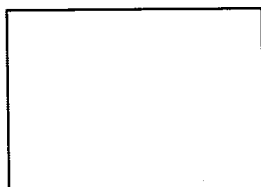
Name _____   Date _____

Solve the number sentences. Use number bonds to show your thinking. Write the 10+ fact and new number bond.

1. 9 + 6 = _____

10 + _____ = _____

2. 9 + 8 = _____

_____ + _____ = _____

3. 5 + 9 = _____

_____ + _____ = _____

4. 7 + 9 = _____

_____ + _____ = _____

EUREKA MATH

Lesson 5:   Compare efficiency of counting on and making ten when one addend is 9.

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5. Solve. Match the number sentence to the 10+ number bond.

    a. $9 + 5 =$ _____   b. $9 + 6 =$ _____   c. $9 + 8 =$ ___
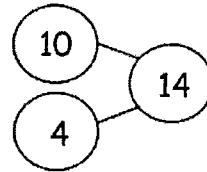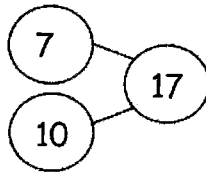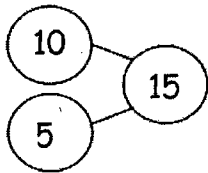
Use an efficient strategy to solve the number sentences.
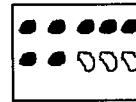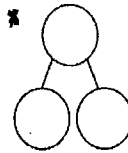
6. $9 + 7 =$ _____   7. $9 + 2 =$ _____   8. $9 + 1 =$ _____

9. $8 + 9 =$ _____   10. $4 + 9 =$ _____   11. $9 + 9 =$ _____

Name _____   Date _____

1. Solve. Use your number bonds. Draw a line to match the related facts. Write the related 10+ fact.

    a. $9 + 6 =$ _____

    _____ $= 9 + 8$

    _____

    b. _____ $= 3 + 9$

    _____ $= 7 + 9$

    _____

    c. _____ $= 9 + 5$

    $6 + 9 =$ _____

    $10 + 5 = 15$

    d. $8 + 9 =$ _____

    $9 + 3 =$ _____

    _____

    e. $9 + 7 =$ _____

    $5 + 9 =$ _____

    _____

2. Complete the addition sentences to make them true.

    a. $3 + 10 =$ _____

    b. $4 + 9 =$ _____

    c. $10 + 5 =$ _____

    d. $9 + 6 =$ _____

    e. $7 + 10 =$ _____

    f. _____ $= 7 + 9$

    g. $10 +$ _____ $= 18$

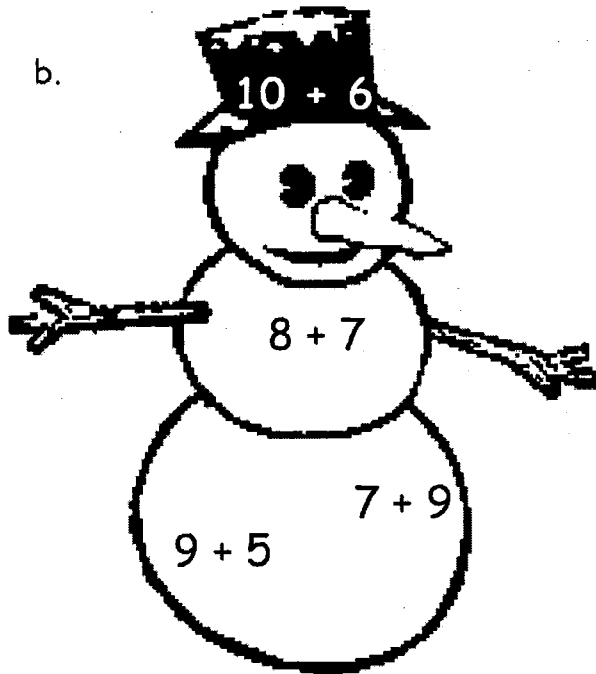   h. $9 + 8 =$ _____

    i. _____ $+ 9 = 19$

    j. $5 + 9 =$ _____

3. Find and color the expression that is equal to the expression on the snowman's hat. Write the true number sentence below.

a.
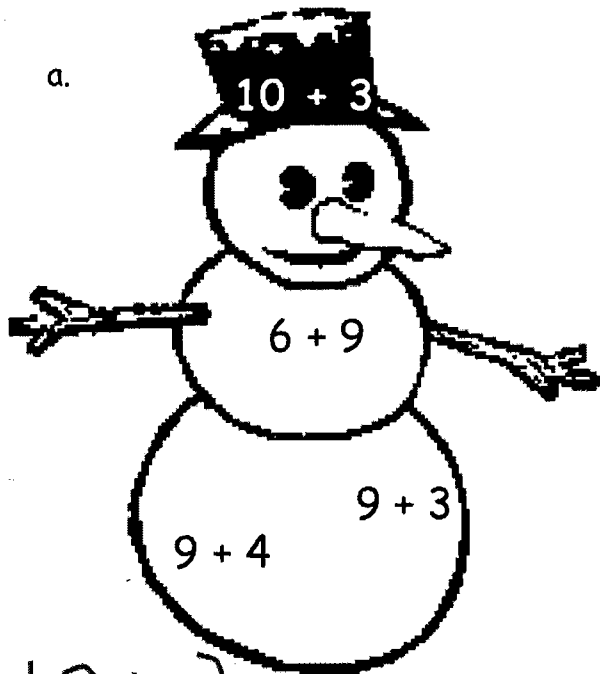
10 + 3

6 + 9

9 + 3
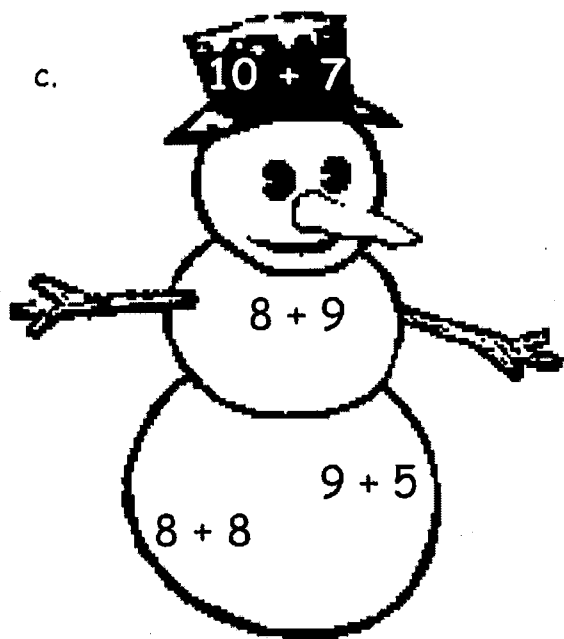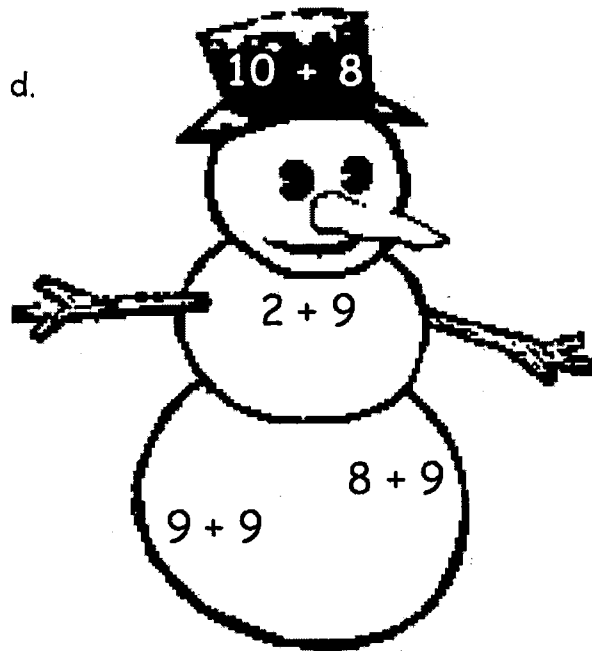
9 + 4

$10 + 3$ = _____

b.

10 + 6

8 + 7

7 + 9

9 + 5

= _____

c.

10 + 7

8 + 9

9 + 5

8 + 8

= _____

d.

10 + 8

2 + 9

8 + 9

9 + 9

= _____

Name _____   Date _____

Draw, label, and (circle) to show how you made ten to help you solve.

(00000000 ●●●

W   B
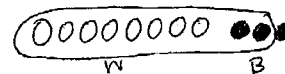
Write the number sentences you used to solve.

1. Meg gets 8 toy animals and 4 toy cars at a party. $8 + 3 = 11$
    How many toys does Meg get in all? $10 + 1 = 11$

$$8 + 4 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$ Meg gets _____ toys.

2. John makes 6 baskets in his first basketball game and 8 baskets in his second.
    How many baskets does he make altogether?

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$ John makes _____ baskets.

3. May has a party. She invites 7 girls and 8 boys. How many friends does she invite in all?

_____ + _____ = _____

_____ + _____ = _____   May invites _____ friends.

4. Alec collects baseball hats. He has 9 Mets hats and 8 Yankees hats. How many hats are in his collection?

_____ + _____ = _____

_____ + _____ = _____   Alec has _____ hats.

Name _____   Date _____

Solve. Make math drawings using the ten-frame to show how you made ten to solve.

8 + 3 = 11   10 + 1 = 11

2   1
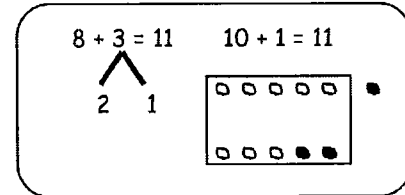
1. 8 + 4 = ___   ___ + ___ = ___
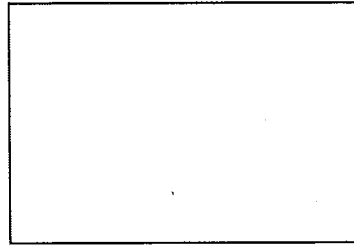
2. 8 + 6 = ___   ___ + ___ = ___
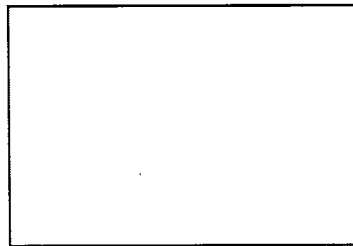
3. 7 + 8 = ___   ___ + ___ = ___
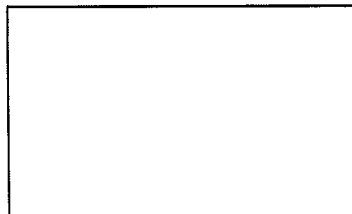
4. Make math drawings using ten-frames to solve. (Circle) the true number sentences.
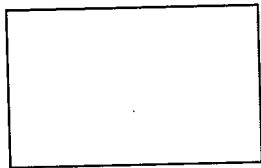
Write an X to show number sentences that are not true.
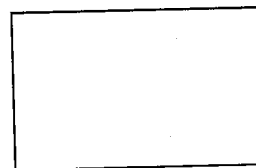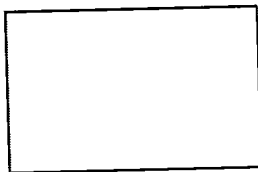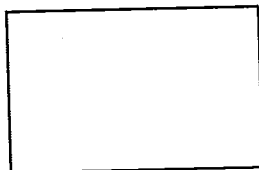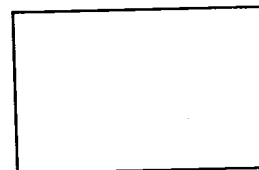
a. 8 + 4 = 10 + 2
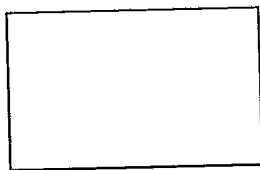
b. 10 + 6 = 8 + 8

c. 7 + 8 = 10 + 6

d. 5 + 10 = 5 + 8

e. 2 + 10 = 8 + 3

f. 8 + 9 = 10 + 7

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Lesson 8:   Make ten when one addend is 8.

Name _____   Date _____

Use number bonds to show your thinking. Write the 10+ fact.

1. 8 + 3 = _____   10 + _____ = _____

2. 6 + 8 = _____   _____ + 10 = _____

3. _____ = 8 + 8   _____ = 10 + _____

4. _____ = 5 + 8   _____ = 10 + _____

Complete the addition sentences and the number bonds.

5. a. 7 + 8 = ___   b. 10 + 5 = ___

6. a. 16 = ___ + 8   b. 10 + 6 = ___

Lesson 9:   Compare efficiency of counting on and making ten when one
              addend is 8.

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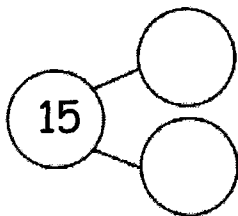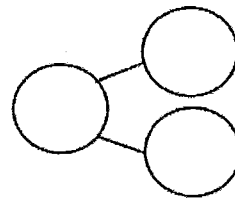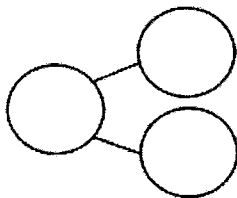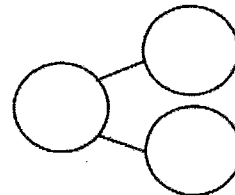
7. a. ____ = 9 + 8
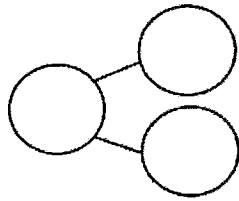
b. 10 + 7 = ____
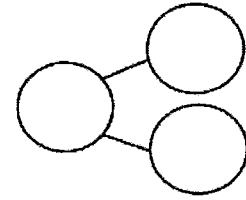
Draw a line to the matching number sentence. You may use a number bond or 5-group drawing to help you.
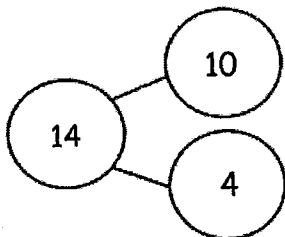
8. 11 = 8 + 3

| 8 + 6 = 14 |

9. Lisa had 5 red rocks and 8 white rocks. How many rocks did she have?
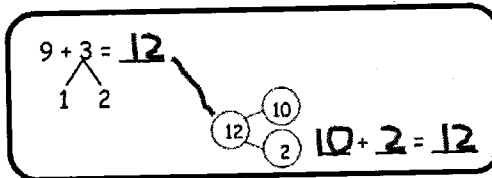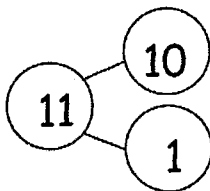
| 10 + 1 = 11 |

| 13 = 10 + 3 |

10.

Name _____   Date _____

Solve. Match the number sentence to the ten-plus number bond that helped you solve the problem. Write the ten-plus number sentence.
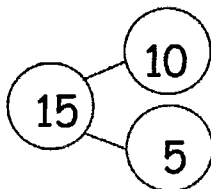
9 + 3 = 12

1   2

12 10
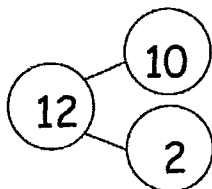2 $10 + 2 = 12$

1. 8 + 6 = ___

11 10
    1

___ + ___ = ___

2. 7 + 5 = ___

15 10
    5

___ + ___ = ___

3. 5 + 8 = ___

12 10
    2

___ + ___ = ___

4. 4 + 7 = ___

14 10
    4

___ + ___ = ___

5. 6 + 9 = ___

13 10
    3

___ + ___ = ___

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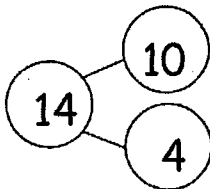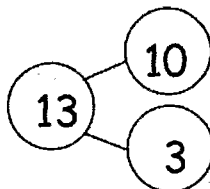
Complete the number sentences so they equal the given number bond.

6.

```
   (  )──(10)
      \  (2)
```

9 + ___ = 12

8 + ___ = 12

7 + ___ = 12

7.

```
  (13)──(10)
      \  (3)
```

9 + ___ = 13

8 + ___ = 13

7 + ___ = 13

8.

```
  (14)──(10)
      \  (4)
```

9 + ___ = 14

8 + ___ = 14

7 + ___ = 14

9.

```
   (  )──(10)
      \  (5)
```

15 = 9 + ___

___ = 8 + ___

___ = 7 + ___

10.

```
  (16)──(10)
      \  (6)
```

16 = 9 + ___

___ = 8 + ___

7 + ___ = ___

11.

```
   (  )──(10)
      \  (7)
```

___ = 9 + 8

___ = 8 + ___

___ = 7 + ___