Name _____     Date _____

Draw a number bond, and complete the number sentences to match the pictures.
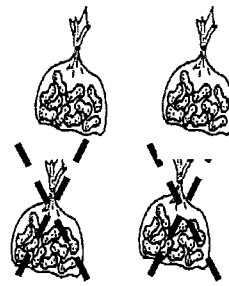
1.

30
△
20   10

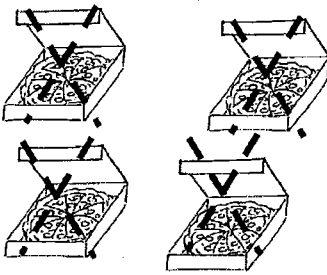__2__ tens + __1__ ten = __3__ tens

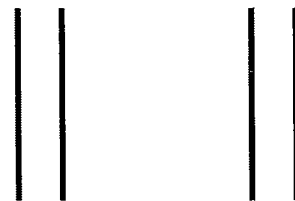20 + 10 = 30

2.

_____ tens = _____ ten + _____ tens

_____

3.

_____ tens - _____ ten = _____ tens

_____

4.

_____ tens - _____ tens = _____ tens

_____

5.

_____ tens - _____ tens = _____ tens

_____

6.

_____ tens + _____ tens = _____ tens

_____

Draw quick tens and a number bond to help you solve the number sentences.

| | |
|---|---|
| 7. <br><br><br><br><br><br> $10 + 20 =$ _____ | 8. <br><br><br><br><br><br> $30 - 10 =$ _____ |
| 9. <br><br><br><br><br><br> $20 - 10 =$ _____ | 10. <br><br><br><br><br><br> $30 + 10 =$ _____ |

Add or subtract.

11.  2 tens + 1 ten = _____

12.  $20 + 20 =$ _____

13.  $40 - 10 =$ _____

14.  _____ $= 20 + 10$

15.  3 tens – 2 tens = _____

16.  $20 - 10 =$ _____

17.  $10 - 10 =$ _____

18.  _____ $= 30 + 10$

19.  $40 - 30 =$ _____

Name _____   Date _____

Fill in the missing numbers to match the picture.  Complete the number bond to match.

1.

$\bigwedge$

20 + 13 = _____

2.

$\bigwedge$

17 + _____ = _____

3.

$\bigwedge$

_____ + _____ = _____

4.

$\bigwedge$

_____ + _____ = _____

Draw using quick tens and ones. Complete the number bond and the number sentence.

| 5. | | |
|---|---|---|

| tens | ones |
|---|---|
| 1 | 7 |

+

| tens | ones |
|---|---|
| 1 | 0 |

∧

_____ + _____ = _____

| 6. | | |
|---|---|---|

| tens | ones |
|---|---|
| 1 | 9 |

+

| tens | ones |
|---|---|
| | |

∧

_____ + _____ = 39

Use arrow notation to solve.

| 7. | 8. |
|---|---|
| 19 →(+10)→ _____ | 9 →(+30)→ _____ |

| 9. | 10. |
|---|---|
| _____ →(+10)→ 38 | _____ →(+20)→ 31 |

Use the dimes and pennies to complete the place value charts.

11.

| tens | ones |
|---|---|
| | |

+

| tens | ones |
|---|---|
| | |

=
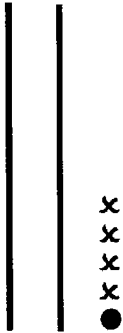
| tens | ones |
|---|---|
| | |

Name _____     Date _____

Use quick tens and ones to complete the place value chart and number sentence.

| 1. | tens | ones |
|---|---|---|

x
x
x
x
●

21 + 4 = _____

| 2. | tens | ones |
|---|---|---|

21 + 8 = _____

| 3. | tens | ones |
|---|---|---|

25 + 4 = _____

| 4. | tens | ones |
|---|---|---|

25 + 5 = _____

| 5. | tens | ones |
|---|---|---|

33 + 3 = _____

| 6. | tens | ones |
|---|---|---|

33 + 7 = _____

Draw quick tens, ones, and number bonds to solve.  Complete the place value chart.

| 7. | | |
|---|---|---|
| 26 + 2 = _____ | | tens / ones |

| 8. | | |
|---|---|---|
| 36 + 3 = _____ | | tens / ones |

| 9. | | |
|---|---|---|
| 26 + 4 = _____ | | tens / ones |

| 10. | | |
|---|---|---|
| 24 + 6 = _____ | | tens / ones |
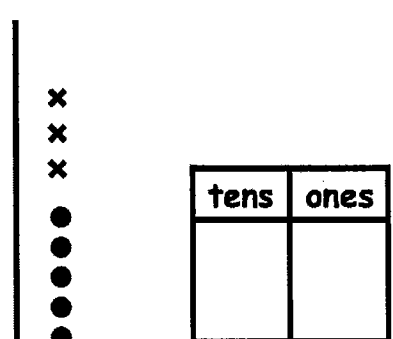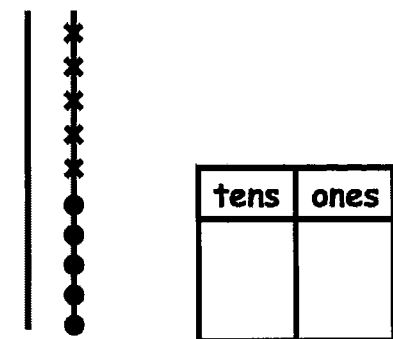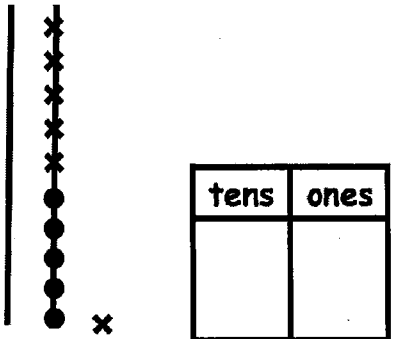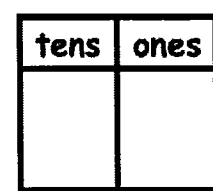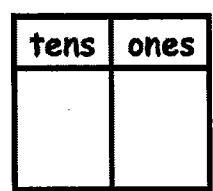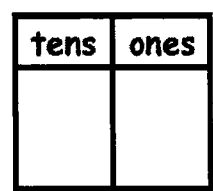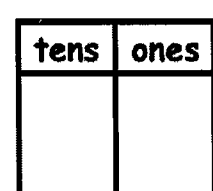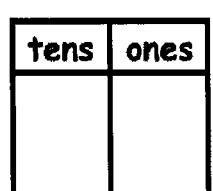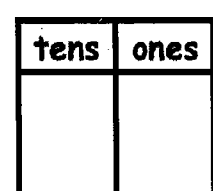
11. Solve.  You may draw quick tens and ones or number bonds to help.

a.  22 + 7 = _____       b.  22 + 8 = _____       c.  32 + 8 = _____

**EUREKA MATH**

Lesson 13:      Use counting on and the make ten strategy when adding across a ten.

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Name _____ Date _____

Use the pictures or draw quick tens and ones.  Complete the number sentence and place value chart.

| 1. | 2. | 3. |
|---|---|---|
| 15 + 3 = _____ | 15 + 5 = _____ | 15 + 6 = _____ |
| tens \| ones | tens \| ones | tens \| ones |
| 4. | 5. | 6. |
| 28 + 2 = _____ | 28 + 4 = _____ | 28 + 7 = _____ |
| tens \| ones | tens \| ones | tens \| ones |
| 7. | 8. | 9. |
| 17 + 3 = _____ | 17 + 7 = _____ | 27 + 7 = _____ |
| tens \| ones | tens \| ones | tens \| ones |

Lesson 14: Use counting on and the make ten strategy when adding across a ten.

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Make a number bond to solve. Show your thinking with number sentences or the arrow way. Complete the place value chart.

10.
13 + 6 = _____

| tens | ones |
|------|------|
|      |      |

11.
13 + 7 = _____

| tens | ones |
|------|------|
|      |      |

12.
25 + 5 = _____

| tens | ones |
|------|------|
|      |      |

13.
25 + 8 = _____

| tens | ones |
|------|------|
|      |      |

14.
24 + 8 = _____

| tens | ones |
|------|------|
|      |      |

15.
23 + 9 = _____

| tens | ones |
|------|------|
|      |      |

**EUREKA MATH**

Lesson 14:     Use counting on and the make ten strategy when adding across a ten.

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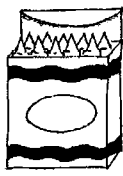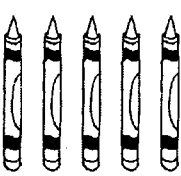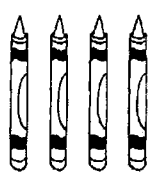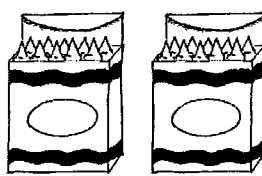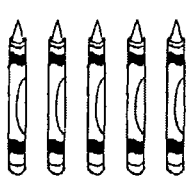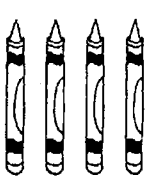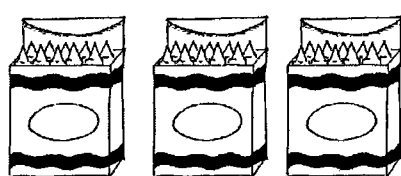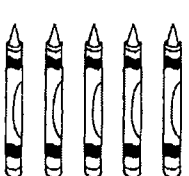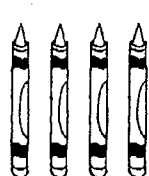
Name _____ Date _____
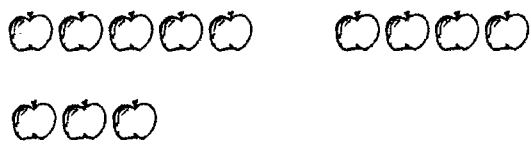
Solve the problems.
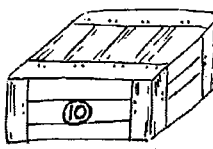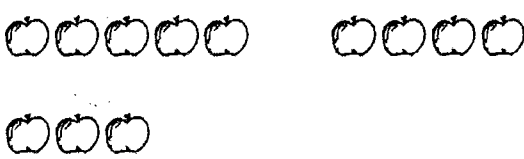
1. 

   5 + 4 = _____
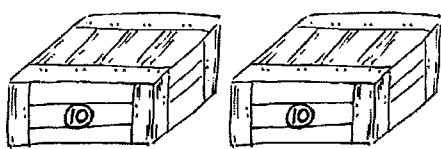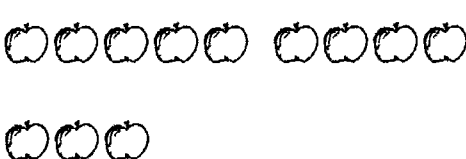
2. 

   15 + 4 = _____

3. 

   25 + 4 = _____

4. 

   35 + 4 = _____

5. 

   8 + 4 = _____

6. 

   18 + 4 = _____

7. 

   28 + 4 = _____

EUREKA MATH™

Lesson 15:   Use single-digit sums to support solutions for analogous sums to 40.

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Use the first number sentence in each set to help you solve the other problems.

| | |
|---|---|
| **8.**<br><br>a. $5 + 2 =$ _____<br><br>b. $15 + 2 =$ _____<br><br>c. $25 + 2 =$ _____<br><br>d. $35 + 2 =$ _____ | **9.**<br><br>a. $5 + 5 =$ _____<br><br>b. $15 + 5 =$ _____<br><br>c. $25 + 5 =$ _____<br><br>d. $35 + 5 =$ _____ |
| **10.**<br><br>a. $2 + 7 =$ _____<br><br>b. $12 + 7 =$ _____<br><br>c. $22 + 7 =$ _____ | **11.**<br><br>a. $7 + 4 =$ _____<br><br>b. $17 + 4 =$ _____<br><br>c. $27 + 4 =$ _____ |
| **12.**<br><br>a. $8 + 7 =$ _____<br><br>b. $18 + 7 =$ _____<br><br>c. $28 + 7 =$ _____ | **13.**<br><br>a. $3 + 9 =$ _____<br><br>b. $13 + 9 =$ _____<br><br>c. $23 + 9 =$ _____ |

Solve the problems. Show the 1-digit addition sentence that helped you solve.

14. $24 + 5 =$ _____      _____

15. $24 + 7 =$ _____      _____

Name _____  Date _____

Draw quick tens and ones to help you solve the addition problems.

| | |
|---|---|
| 1.<br><br>17 + 2 = _____ | 2.<br><br>17 + 3 = _____ |
| 3.<br><br>14 + 3 = _____ | 4.<br><br>24 + 10 = _____ |

Make a number bond or use the arrow way to solve the addition problems.

| | |
|---|---|
| 5.<br><br>6 + 24 = _____ | 6.<br><br>14 + 20 = _____ |

7. Solve each addition sentence, and match.

a.

22 + 1 = _____

b.

13 + 6 = _____

c.

3 + 26 = _____

d.

37 + 3 = _____

$$26 \xrightarrow{+3} 29$$

e.

22 + 10 = _____

13 + 6

10    3
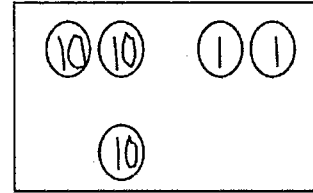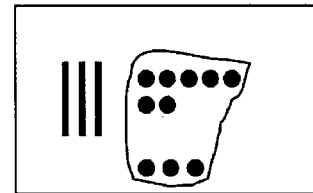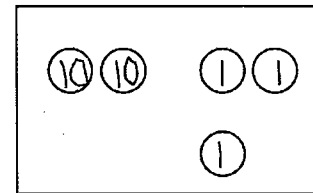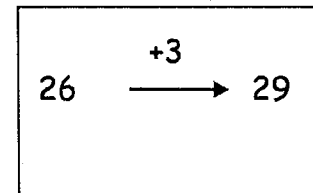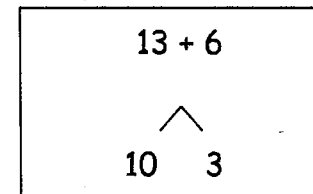
Name _____ Date _____

Use quick ten drawings or number bonds to make true number sentences.

| | |
|---|---|
| 1.  13 + 20 = _____ | 2.  23 + 6 = _____ |
| 3.  10 + 23 = _____ | 4.  28 + 6 = _____ |
| 5.  26 + 7 = _____ | 6.  20 + 17 = _____ |

7.  How did you solve Problem 5?  Why did you choose to solve it that way?

Solve using quick ten drawings or number bonds.

| | |
|---|---|
| 8.           23 + 9 = _____ | 9.           27 + 7 = _____ |
| 10.          24 + 10 = _____ | 11.          20 + 18 = _____ |
| 12.          28 + 9 = _____ | 13.          29 + 9 = _____ |

14. How did you solve Problem 11?  Why did you choose to solve it that way?

Name _____  Date _____

1.  Two students both solved the addition problem below using different methods.

                              18 + 9

| 18 + 9 = 27 | 18 + 9 = 27 |
|---|---|
| 2 ⌄ 7 | 18 →⁺² 20 →⁺⁷ 27 |
| 18 + 2 = 20 | 18 + 2 = 20 |
| 20 + 7 = 27 | 20 + 7 = 27 |

    Are they both correct?  Why or why not?

2.  Another two students solved the same problem using quick tens.

| 18 + 9 = 29 | 18 + 9 = 27 |
|---|---|
| 20 + 9 = 29 | 20 + 7 = 27 |

    Are they both correct?  Why or why not?

3. Circle any student work that is correct.

$$19 + 6$$

| Student A | Student B | Student C |

Student A:
$$19 + 6$$
$$20 + 6 = 26$$

Student B:
$$19 + 6$$
$$19 + 1 = 20$$
$$20 + 5 = 25$$

Student C:
$$19 + 6$$
$$19 \rightarrow 20 \rightarrow 25$$

Fix the student work that was incorrect by making a new drawing or drawings in the space below.

Choose a correct student work, and give a suggestion for improvement.

Name _____     Date _____

Read the word problem.
Draw a tape diagram and label.
Write a number sentence and a statement that matches
the story.
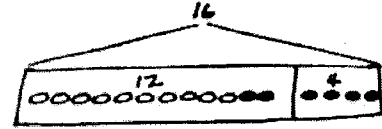
1. Darnel is playing with his 4 red robots. Ben joins him with 13 blue robots.
   How many robots do they have altogether?

   They have _____ robots.

2. Rose and Emi had a jump rope contest. Rose jumped 14 times, and Emi jumped
   6 times. How many times did Rose and Emi jump?

   They jumped _____ times.

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Lesson 19:    Use tape diagrams as representations to solve *put together/take apart*
              with *total unknown* and *add to with result unknown* word problems.

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3. Pedro counted the airplanes taking off and landing at the airport. He saw 7 airplanes take off and 6 airplanes land. How many airplanes did he count altogether?

Pedro counted _____ airplanes.

4. Tamra and Willie scored all the points for their team in their basketball game. Tamra scored 13 points, and Willie scored 5 points. What was their team's score for the game?

The team's score was _____ points.

**EUREKA MATH**

Lesson 19:   Use tape diagrams as representations to solve *put together/take apart with total unknown* and *add to with result unknown* word problems.

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Name _____     Date _____

<u>R</u>ead the word problem.
<u>D</u>raw a tape diagram and label.
<u>W</u>rite a number sentence and a statement that matches
the story.
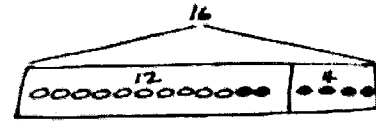
1. Rose has 12 soccer practices this month. 6 practices are in the afternoon, but the rest are in the morning. How many practices will be in the morning?

Rose has _____ practices in the morning.

2. Ben caught 16 fish. He put some back in the lake. He brought home 7 fish. How many fish did he put back in the lake?

Ben put _____ fish back in the lake.