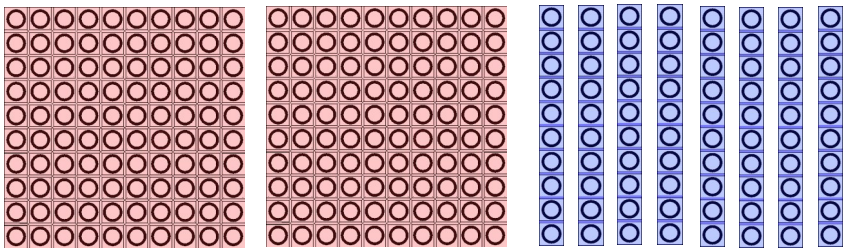
PERCEPTIONS
Changing the Way You Look At Math

Perceptions Green
Unit I
Pre/Post Test

Name: _____

Date: _____

Write the numeral for the amount shown.



= _____

Write an equivalent equation using the commutative property.

2 + 6 = 8 ___ + ___ = ___

Skip Count by 10s:

10, 20, _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

Skip Count by 2s:

2, _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

Skip Count by 5s:

5, _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

Count backwards starting at 58.

58, _____, _____, _____, _____, _____, _____, _____, _____

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Add.

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

7	8	6	5	6	3	9
+ 8	+ 3	+ 6	+ 7	+ 8	+ 3	+ 6

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

Circle all of the odd sums in the problems above.

Solve for the missing addend.

7 + H = 13
H =

A + 4 = 9
A =

Give an example of the associative property:

8 + (8 + 1) = (___ + ___) + ___

Sarah's family ate thirteen biscuits for dinner. James' family ate sixteen biscuits for dinner. Whose family ate more biscuits? Compare the two using <. =, or >.

Give the different possibilities to solve the

2 + a + j = 9

Compare the numerals given below. Using <, =, or >, place the correct symbol in the oval.

15 ◯ 27 8+3 ◯ 5+9 9+6 ◯ 8+7 238 ◯ 283

Karen made nine peach pies and five strawberry pies for the family reunion. How many pies did she make altogether?

Faith needs twenty photos for her newspaper article. She has taken thirteen photos already. How many more photos does she need to take?

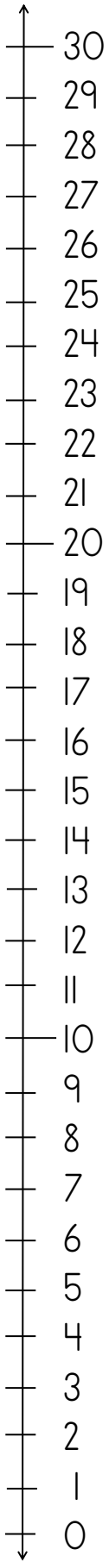
Courtney drew five pictures on Monday and eight pictures on Tuesday. Isaiah drew nine pictures on Monday and six pictures on Tuesday. Who has drawn more pictures? Compare the two using <. =, or >.

Use this number line ———> to answer these questions.

Place an X on the line that corresponds to the number that would be the sum of 9 + 4.

Place a triangle on the line that corresponds to the number that represents "y" in the equation 8 + y = 17.

Place a circle on the line that is 8 less than 24.



Kelly made three loaves of whole wheat bread in the morning, two loaves of gluten-free bread in the afternoon. She then made one more loaf of whole wheat bread the next day. How many loaves of bread did she make?

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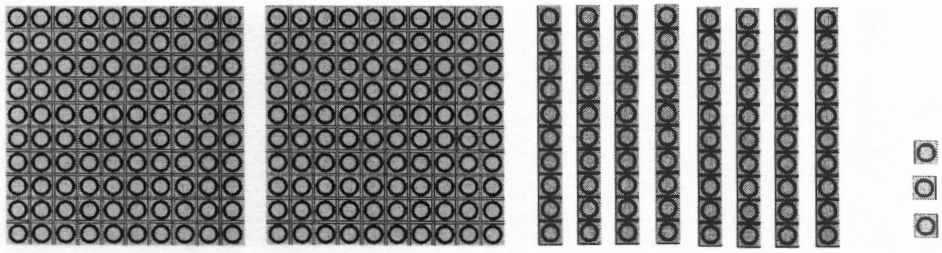
Name: Solutions

Date: _____

Write the numeral for the amount shown.



= 283

Write an equivalent equation using the commutative property.

2 + 6 = 8 6 + 2 = 8

Skip Count by 10s:

10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Skip Count by 2s:

2, 4, 6, 8, 10, 12, 14, 16, 18, 20

Skip Count by 5s:

5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Count backwards starting at 58.

58, 57, 56, 55, 54, 53, 52, 51, 50

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Add.

3 + 4 = 7	7 + 9 = 16	4 + 4 = 8	9 + 5 = 14
8 + 8 = 16	4 + 8 = 12	6 + 7 = 13	2 + 7 = 9
9 + 2 = 11	7 + 7 = 14	9 + 8 = 17	5 + 5 = 10

7 + 8 = 15	8 + 3 = 11	6 + 6 = 12	5 + 7 = 12	6 + 8 = 14	3 + 3 = 6	9 + 6 = 15
4 + 7 = 11	6 + 3 = 9	5 + 8 = 13	9 + 9 = 18	2 + 8 = 10	7 + 3 = 10	6 + 5 = 11

Circle all of the odd sums in the problems above.

Solve for the missing addend.

7 + H = 13
H = 6

A + 4 = 9
A = 5

Give an example of the associative property:

$8 + (8 + 1) = (\underline{8} + \underline{8}) + \underline{1}$

Sarah's family ate thirteen biscuits for dinner. James' family ate sixteen biscuits for dinner. Whose family ate more biscuits? Compare the two using <, =, or >.

Sarah 13 < James 16

James' family ate more

Give the different possibilities to solve the

$2 + a + j = 9$

$2+0+7=9$
$2+1+6=9$
$2+6+1=9$
$2+2+5=9$
$2+5+2=9$

$2+4+3=9$
$2+3+4=9$

Compare the numerals given below. Using <, =, or >, place the correct symbol in the oval.

15 < 27

8+3 (11) < 5+9 (14)

9+6 (15) = 8+7 (15)

238 < 283

Karen made nine peach pies and five strawberry pies for the family reunion. How many pies did she make altogether?

$$\begin{array}{r} 9 \\ +5 \\ \hline 14 \end{array}$$ pies

Faith needs twenty photos for her newspaper article. She has taken thirteen photos already. How many more photos does she need to take?

$x + 13 = 20$

$x = 7$ photos

Courtney drew five pictures on Monday and eight pictures on Tuesday. Isaiah drew nine pictures on Monday and six pictures on Tuesday. Who has drawn more pictures? Compare the two using <, =, or >.

Courtney $5+8=13$ < Isaiah $9+6=15$

Isaiah drew more

Use this number line ——> to answer these questions.

Place an X on the line that corresponds to the number that would be the sum of 9 + 4.

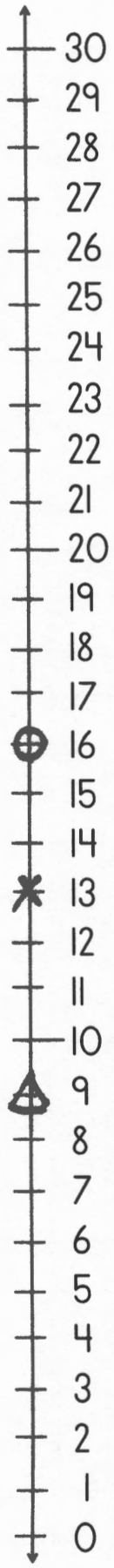
13

Place a triangle on the line that corresponds to the number that represents "y" in the equation 8 + y = 17.

9

Place a circle on the line that is 8 less than 24.

16



Kelly made three loaves of whole wheat bread in the morning, two loaves of gluten-free bread in the afternoon. She then made one more loaf of whole wheat bread the next day. How many loaves of bread did she make?

$$\begin{array}{r} 3 \\ 4 \\ +\ 1 \\ \hline 8 \end{array}$$ loaves