NAME DATE

End-of-Year Assessment

For Problems 1–4, write a number model. Use a ? to show what you need to find out. Solve the problem. Write the answer.

(1) The second-grade class has 25 children. The first-grade class has 20 children. How many children are there in all?

Number model: _____

There are _____ children.

(2) There are 42 cars in the parking lot. 30 cars leave. How many cars are left in the parking lot?

Number model: _____

There are _____ cars left.

(3) Shawn has 24 crayons. His teacher gave him 24 more. Then he lost 8 crayons. How many crayons does he have now?

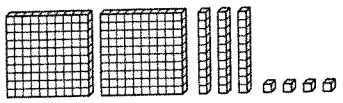
Number model(s): _____

Shawn has _____ crayons.

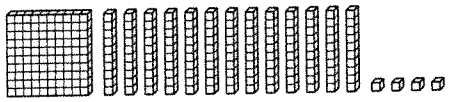
NAME DATE

End-of-Year Assessment (continued)

(7) Keon and Dartrianna showed the same number with base-10 blocks.



Keon's way



Dartrianna's way

a. What is the number? _____

b. Use base-10 shorthand to show this number another way.

c. Whose way makes it easiest to tell what the number is? Explain. _____

_____

(8) I have a 0 in my tens place.

I have a 7 in my hundreds place.

I have a 0 in my ones place.

What number am I? _____

(9) Write <, >, or =.

a. 89 _____ 88

b. 421 _____ 419

c. 709 _____ 790

d. 934 _____ 943

e. Explain how you got your answer to Problem 9d.

_____

_____

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End-of-Year Assessment (continued)

(11) **a.** Circle the largest number.

3,241 3,421 3,204 3,021

b. Parker wrote the numbers in order from smallest to largest like this:

3,204 3,021 3,241 3,421

smallest largest

Do you agree with how Parker ordered the numbers? _____

Explain. _____

_____

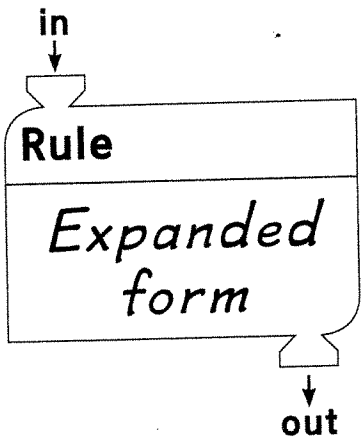
_____

c. How would you write the numbers from smallest to largest?

_____ _____ _____ _____

smallest largest

(12) Complete the table.



in	out
78	70 + 8
33	30 + 3
260	
496	

NAME DATE

End-of-Year Assessment (continued)

(15) A blue ribbon is 20 centimeters long. A yellow ribbon is 38 centimeters long.

How much longer is the yellow ribbon than the blue ribbon?

Number model: _____

The yellow ribbon is _____ centimeters longer than the blue ribbon.

(16) Solve the problem. Show your thinking on an open number line.

Christy has 43 green blocks. Ella has 36 yellow blocks. How many blocks do they have in all? _____ blocks

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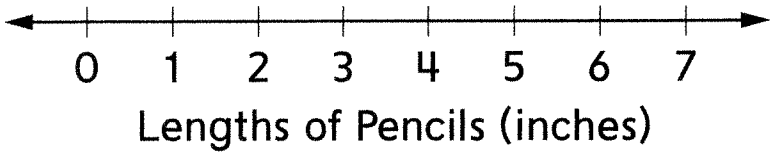
End-of-Year Assessment (continued)

(19) Length of Pencils in Room 325

Length	Number of Pencils
2 inches	/
4 inches	//
6 inches	~~////~~ /
7 inches	///

a. Show the pencil lengths on the line plot.

Number of Pencils



Lengths of Pencils (inches)

b. Write a question that can be answered using the line plot.

_____

_____

c. Write the answer to your question. _____

NAME DATE

End-of-Year Assessment (continued)

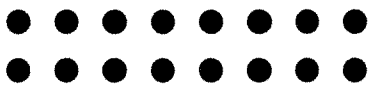
(22) a. Partition the rectangle into 4 rows with 6 same-size squares in each row.

b. How many squares did you draw? _____

c. How do you know your answer is correct?

_____

_____

(23) 

a. How many dots? _____

b. Write an addition number model. _____

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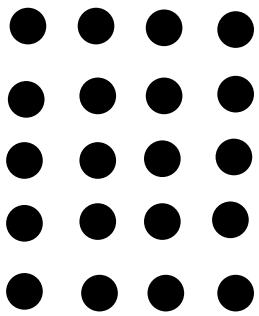
Building Array

Direction : Draw row of dots array match to the repeated addition sentence.

19.  4 + 4 + 4 + 4 + 4 = 20	20. 5 + 5 + 5 + 5 = 20
21. 2 + 2 + 2 + 2 = 8	22. 7 + 7 = 14
23. 8 + 8 = 16	24. 3 + 3 + 3 + 3 + 3 = 15

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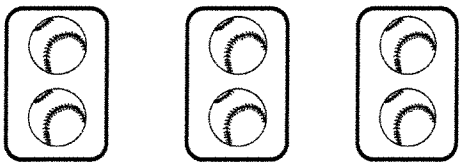
OBJECT GROUPING

Directions: Count the objects, write the repeated addition, then convert it to multiplication.

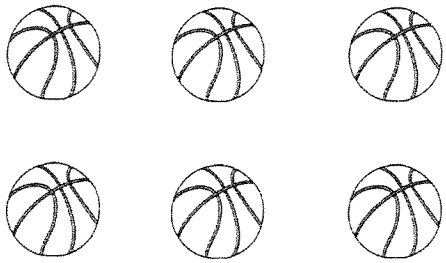
13.



2 + 2 + 2 = 6

3 x 2 = 6

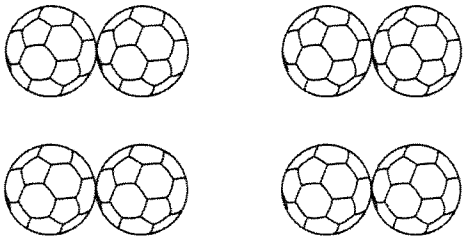
14.



__ + __ + __ + __ + __ + __ = ___

___ x ___ = ___

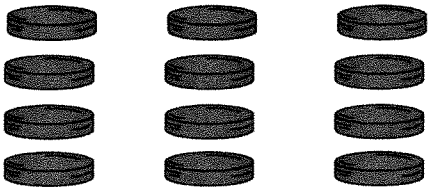
15.



___ + ___ + ___ + ___ = ___

___ x ___ = ___

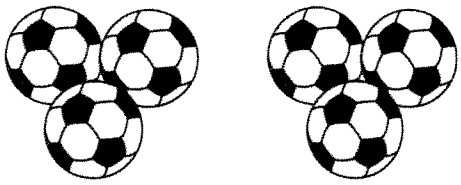
16.



+ __ + __ + __ = ___

___ x ___ = ___

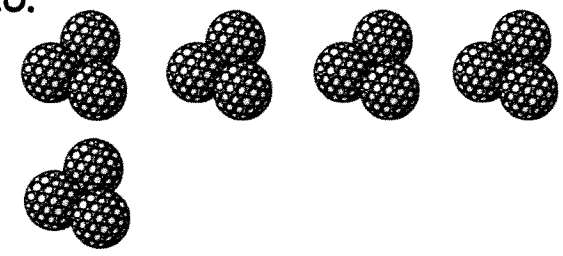
17.



___ + ___ = ___

___ x ___ = ___

18.



__ + __ + __ + __ + __ = ___

___ x ___ = ___

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Fill in The Blanks

Directions: Fill in the missing multiplication equation for each repeated addition sentence

1. $7 + 7 + 7 + 7 = \underset{4}{\_\_} \times \underset{7}{\_\_}$

2. $9 + 9 + 9 = \_\_ \times \_\_$

3. $3 + 3 + 3 + 3 + 3 + 3 = \_\_ \times \_\_$

4. $5 + 5 + 5 + 5 + 5 + 5 + 5 = \_\_ \times \_\_$

5. $4 + 4 + 4 + 4 + 4 = \_\_ \times \_\_$

6. $6 + 6 + 6 = \_\_ \times \_\_$

7. $8 + 8 + 8 + 8 + 8 = \_\_ \times \_\_$

8. $10 + 10 + 10 = \_\_ \times \_\_$

9. $12 + 12 + 12 + 12 = \_\_ \times \_\_$

10. $2 + 2 + 2 + 2 + 2 + 2 + 2 = \_\_ \times \_\_$