

I can stretch my brain!

First Grade
CHALLENGE WORK
Unit 1
Math Expressions
Common Core

NAME: _____

Name: _____ Date: _____

Lesson #: 1-1

Puzzled Penguin is at it again! Correct the sentences below to make them true.

- a. 15 and 3 more is 17.
- b. 11 and 7 more is 19.
- c. 16 and 4 more is 18.
- d. 12 and 2 more is 13.
- e. 14 and 3 more is 15.
- f. 13 and 6 more is 17.
- g. 17 and 2 more is 20.
- h. 18 and 1 more is 18.

BONUS:

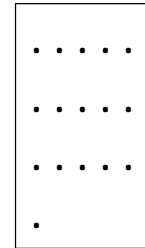
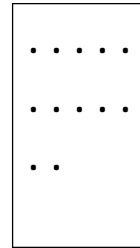
- i. 27 and 5 more is 33.
- j. 34 and 6 more is 39.
- k. 47 and 4 more is 50.
- l. 23 and 8 more is 29.
- m. 37 and 7 more is 41.
- n. 46 and 8 more is 53.

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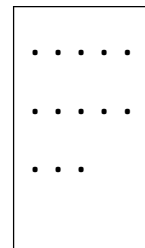
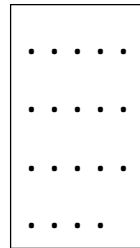
Lesson #: 1-2

Solve the problems. Match the picture to the equation.

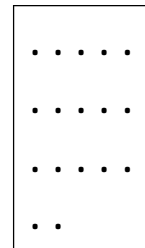
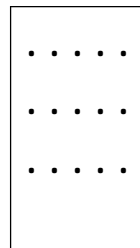
$$5 + 5 + 2 =$$



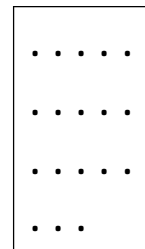
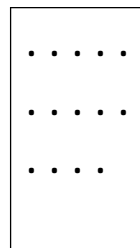
$$5 + 5 + 4 =$$



$$5 + 5 + 5 =$$



$$5 + 5 + 7 =$$



$$5 + 5 + 9 =$$

$$5 + 5 + 8 =$$

$$5 + 5 + 3 =$$

$$5 + 5 + 6 =$$

Name: _____ Date: _____

Lesson #: 1-2 (cont.)

1. What did you notice about the equations and the pictures? _____

2. Can you find and circle the five groups? _____

3. Can you find any other groups? Explain. _____

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Lesson #: 1-3

List all of the partners of 13 in order.

1 + 12	

How many ways can you make the number 15?

Ex. $14 + 1$, $25 - 10$, $1 + 1 + 1 + 1 + 1 + 5 + 5$, $10 + 10 - 5$
(Use the back for more space.)

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Lesson #: 1-3

How many ways can you make the number 15? (cont.)

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Lesson #: 1-4

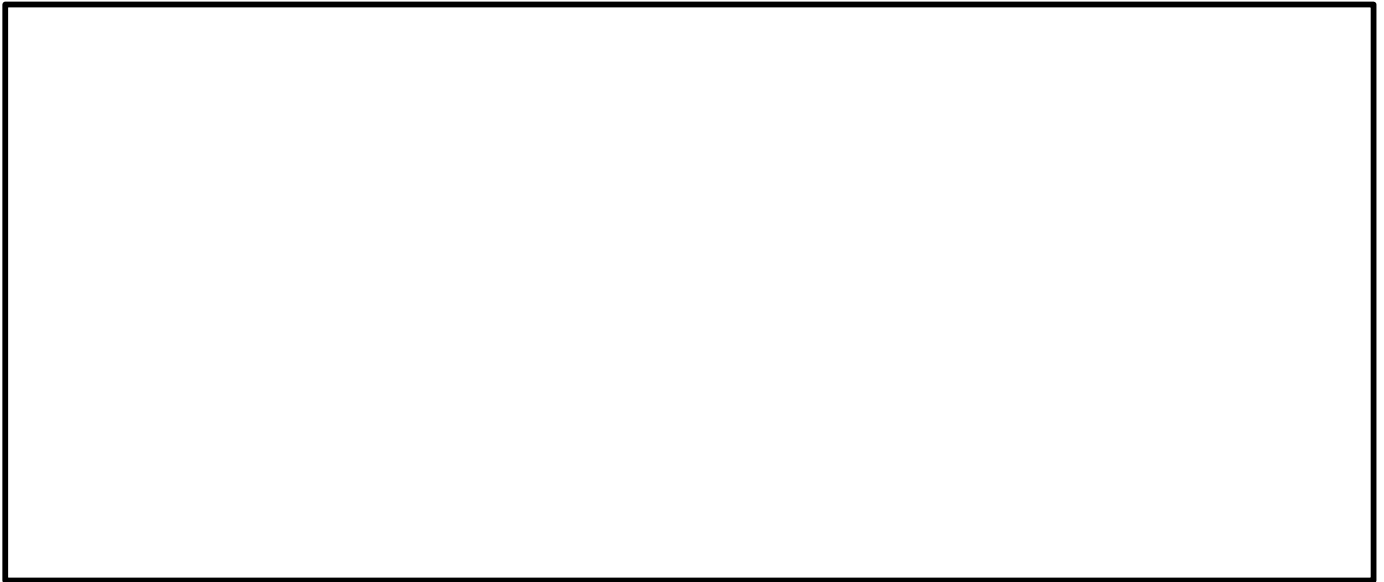
List all of the partners of 6 in order.	List all of the partners of 12 in order.

Do you notice any patterns? _____
Explain. _____

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Lesson #: 1-5

Rhoshni and Nori made 7 cookies. They want to divide them equally between them. Can they do that? Draw a picture and explain.



Name: _____ Date: _____

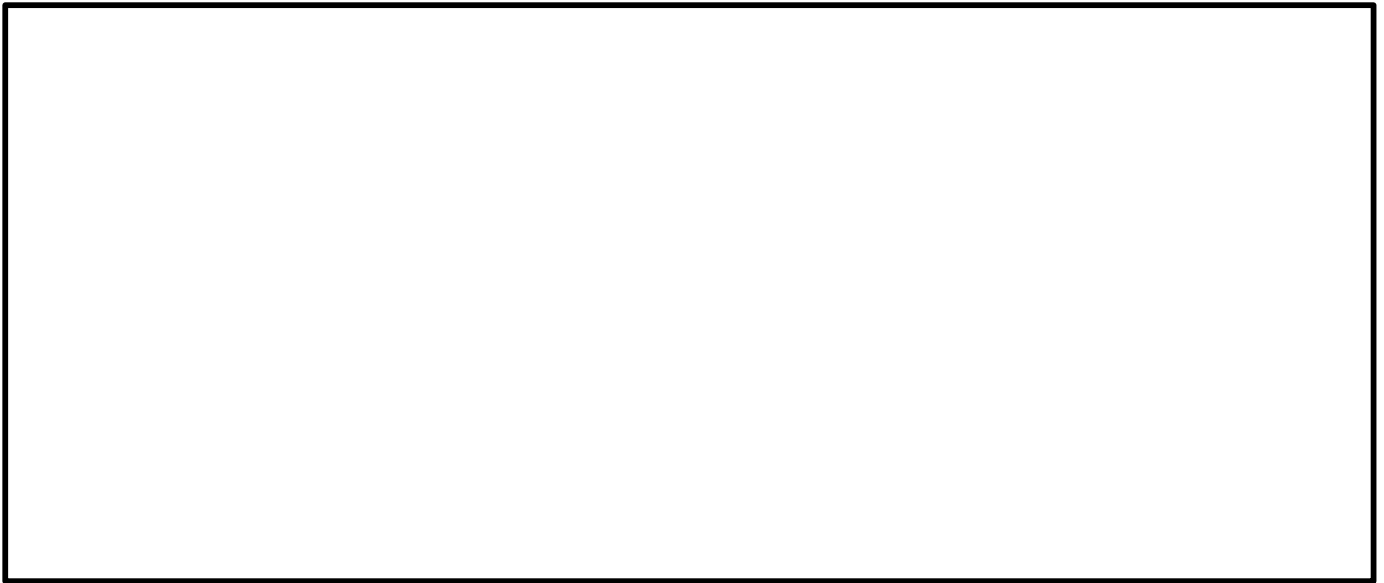
Lesson #: 1-6

How many ways can you make the number 8? List them below.

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Lesson #: 1-6

Jenny has 9 balloons and needs to divide them equally between 5 people. Can she do it? Use a picture and words to explain.

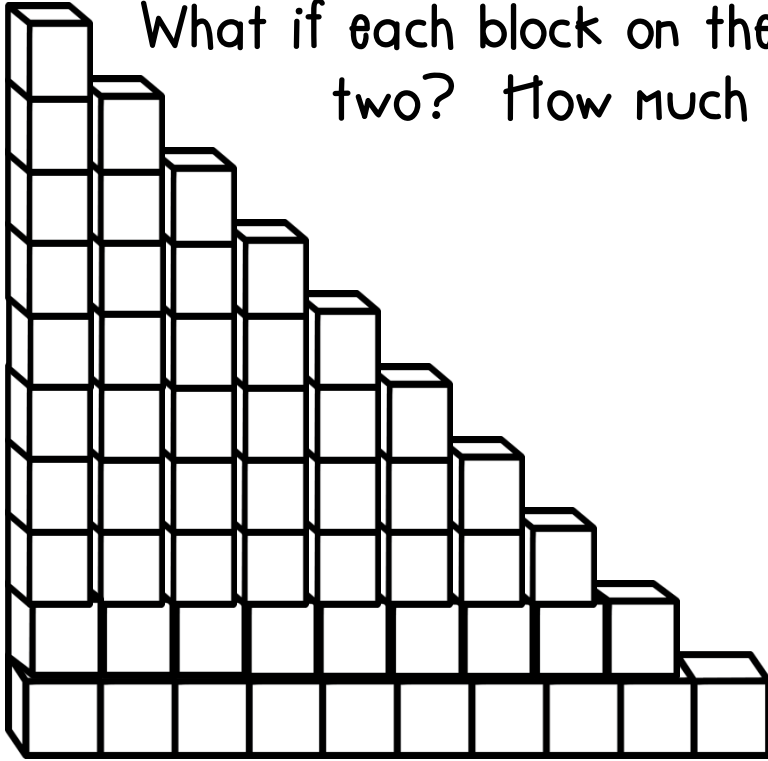


Name: _____ Date: _____

Lesson #: 1-8

A.
B.
C.
D.
E.
F.
G.
H.
I.
J.

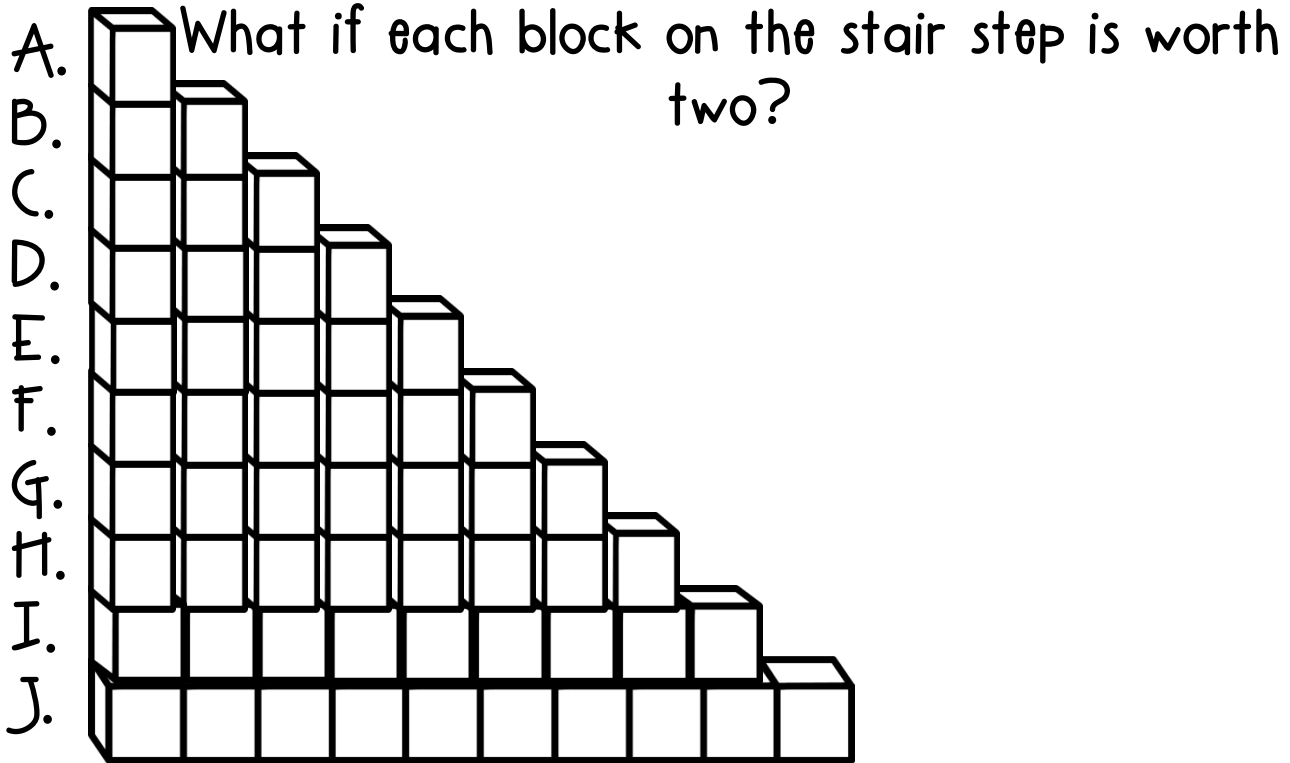
What if each block on the stair step is worth two? How much is each row worth?



A.	I.
B.	J.
C.	
D.	
E.	
F.	
G.	
H.	

Name: _____ Date: _____

Lesson #: 1-8



BONUS: How much is the whole set of stairs worth? Show or explain how you solved it.

Name: _____ Date: _____

Lesson #: 1-8

Solve. Explain the pattern.

$11+11=$
$12+12=$
$13+13=$
$14+14=$
$15+15=$
$16+16=$
$17+17=$
$18+18=$
$19+19=$

Did you find a shortcut or pattern? Explain.

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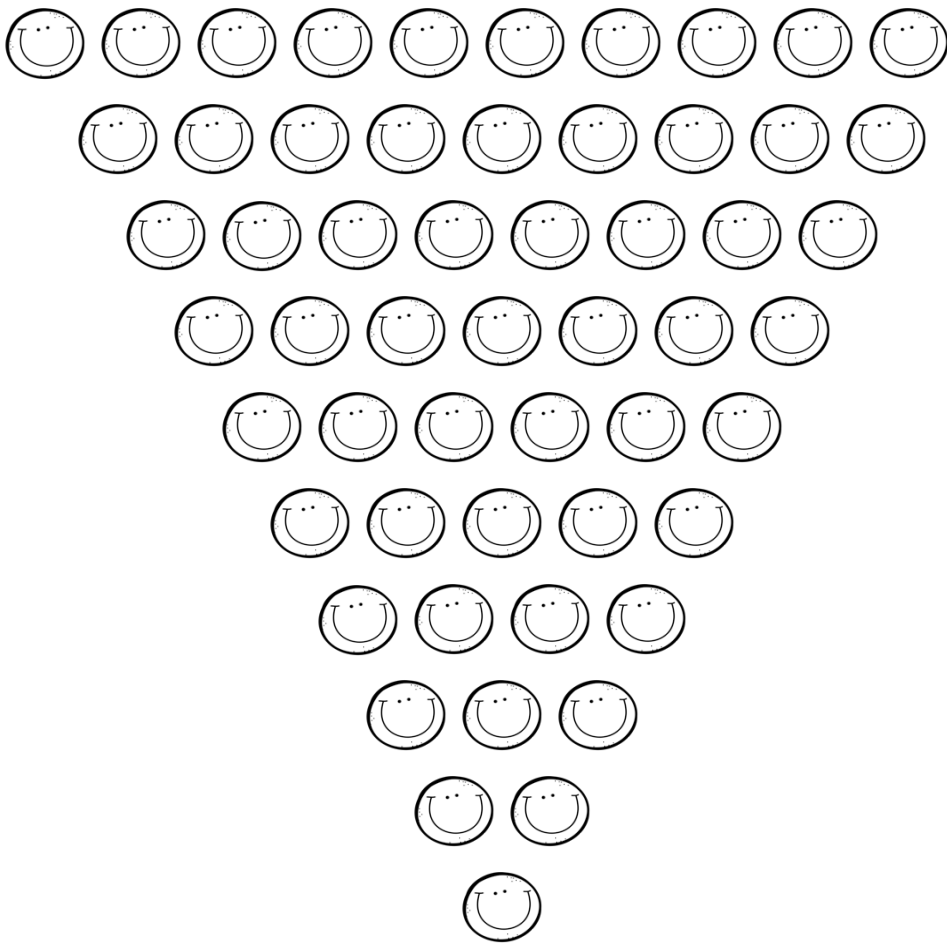
Lesson #: 1-9

Every band member brought a friend to the next practice.

How many people were there total?

(Use the next page to solve.)

Band members:



Name: _____ Date: _____

Lesson #: 1-9

Use this page to solve the band problem.

How many total people were at the next practice? _____

CREDITS!!

THANK YOU! THANK YOU! THANK YOU!

