

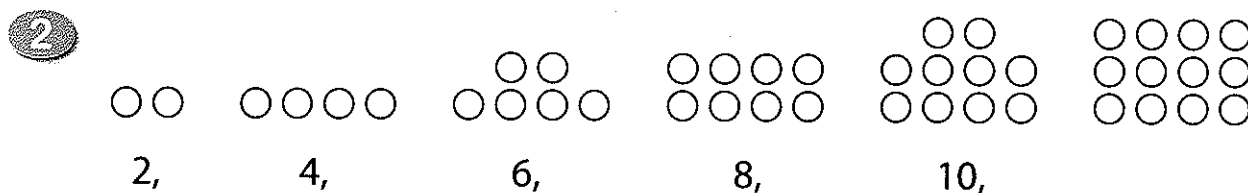
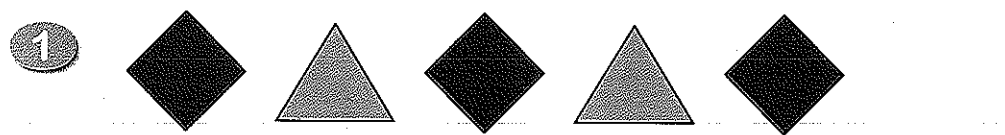
New Vocabulary
pattern
increase
decrease

Lesson 1

Number Patterns

Name _____ Class _____ Date _____

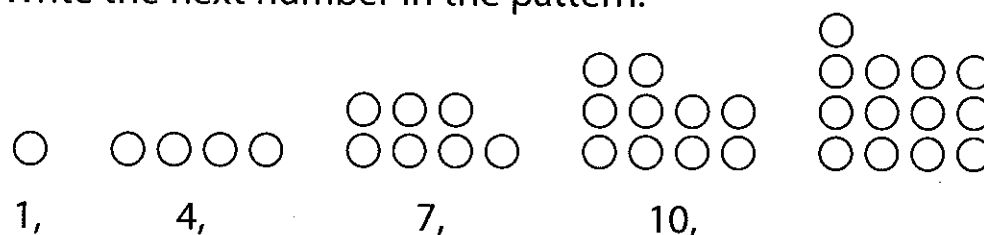
Get Started



3 60, 50, 40, 30, 20, _____

How To

Write the next number in the pattern.



Step 1

The pattern is _____.

Pattern Rule: Count _____ by _____ each time.

Think: Do I count forward or backward?

Step 2

Use the pattern rule to find the next number.

Start at 10. Count forward by _____.

Counting by 2, 5, and 10

Name _____ Class _____ Date _____

Get Started



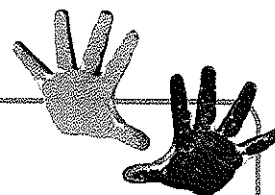
1 _____

2 _____

3 _____

4 _____

How To



Use connecting cubes to skip count by 2 and find the missing numbers.

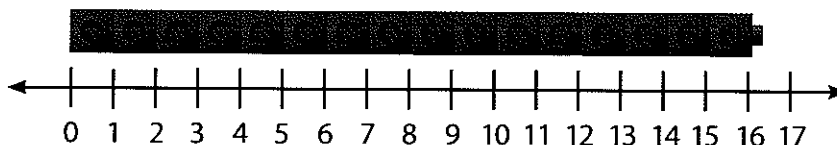
Step 1

2, 4 →

Think: How many cubes are connected together in the first group?

Step 2

2, 4, _____, _____, 10, _____, 14, _____



New Vocabulary
base-10 pieces
ones block
tens rod
place value chart

Lesson 3

Modeling and Writing 2-Digit Numbers

Name _____ Class _____ Date _____

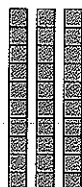
Get Started



1



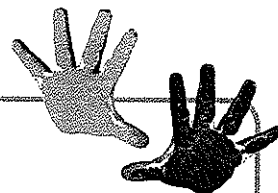
2



3



How To



Write 38 in the place value chart. Then model the number.

Step 1

Use the Tens column. Write the number of tens in the place value chart.

Think: What number is in the tens place?

Step 2

Use the Ones column. Write the number of ones in the place value chart.

Tens	Ones

Step 3

Use a workmat and base-10 pieces. Model 38.
How many tens rods are in 38? _____
How many ones blocks are in 38? _____

Step 4

Draw a picture of the pieces you used to model the number 38 in the place value chart above.

More Skip Counting

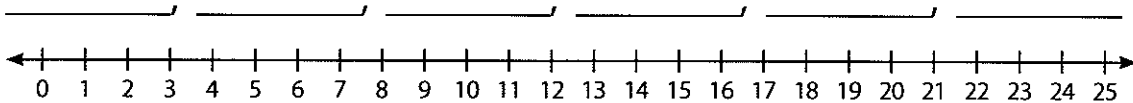
Name _____ Class _____ Date _____

Get Started



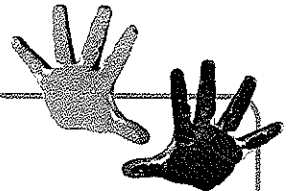
1 5, 10, 15, 20, _____

2



3

How To



Use the hundreds chart to skip count. Look for a pattern.

Step 1

Color each number as you skip count by 3.

Step 2

Draw a ring around each number as you skip count by 6.

Think: What numbers are both shaded and have a ring around them?

Step 3

How are the colored numbers and the numbers with a ring around them related? _____

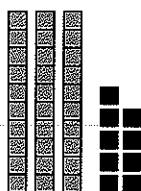
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Modeling and Writing 3-Digit Numbers

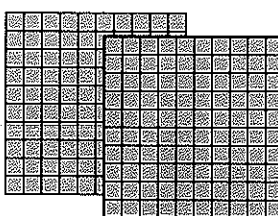
Name _____ Class _____ Date _____

Get Started

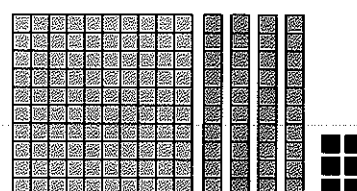
1



2



3



How To

Write 134 in the place value chart. Then model the number.

Step 1

Think: What number is in the hundreds place?

Use the Hundreds column. Write the number of hundreds.

Step 2

Use the Tens column. Write the number of tens.

Step 3

Use the Ones column. Write the number of ones.

Step 4

Make the model.

How many hundreds flats are in 134? _____

How many tens rods are in 134? _____

How many ones blocks are in 134? _____

Hundreds	Tens	Ones

New Vocabulary
expanded form
place value
standard form

Lesson 6

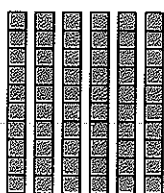
Expanded Form

Name _____ Class _____ Date _____

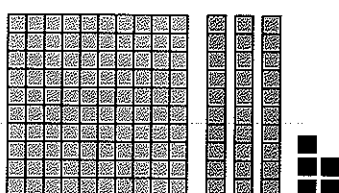
Get Started



1



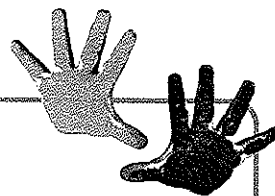
2



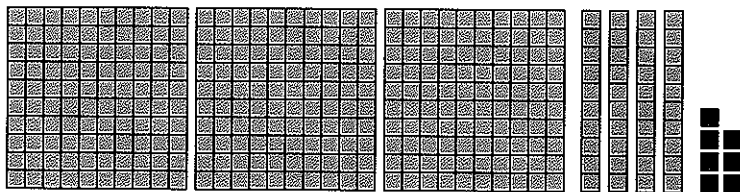
___ hundred ___ tens ___ ones

___ + ___ + ___

How To



Write the number 347 in expanded form.



Step 1

Model the number 347. Write the number of hundreds, tens, and ones in 347.

___ hundreds ___ tens ___ ones

Think: What is the value of each digit?

Step 2

What is the value of 3 hundreds? _____

What is the value of 4 tens? _____

What is the value of 7 ones? _____

Step 3

Write the value of the hundreds first, then the value of the tens, then the value of the ones.

___ + ___ + ___

Number Words to 999

Name _____ Class _____ Date _____

Get Started

1 28

_____ + _____

2 504

_____ + _____

How To

Write the number 649 in words.

Step 1

Write the number in the place value chart.

Think: How can the place value chart help me read the number?

Hundreds	Tens	Ones

Step 2

What is the value of the hundreds in 649? _____

Write the word form for 600. _____

Step 3

What is the value of the tens in 649? _____

Write the word form for 40. _____

Step 4

What is the value of the ones in 649? _____

Write the word form for 9. _____

Step 5

Start with the hundreds. Write the number word for 649.

New Vocabulary
before
after
between

Lesson 8

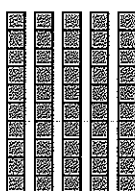
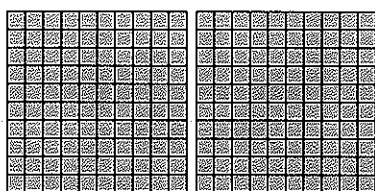
Before, After, and Between to 999

Name _____ Class _____ Date _____

Get Started

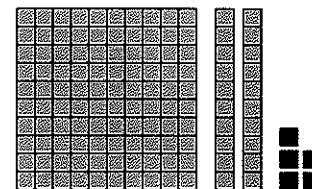
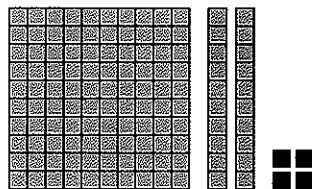
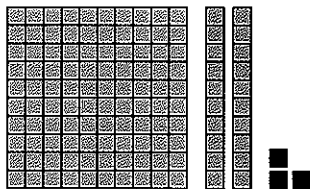


1



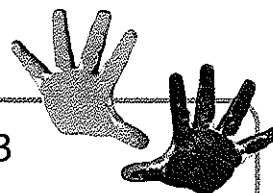
Hundreds	Tens	Ones

2



3 764, 765, _____

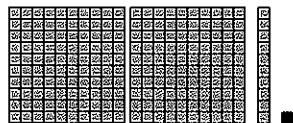
How To



Use base-10 pieces to find the missing number. 211, ? , 213

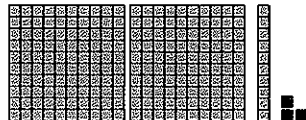
Step 1

Model 211.



Step 2

Model 213.



Step 3

211, _____, 213

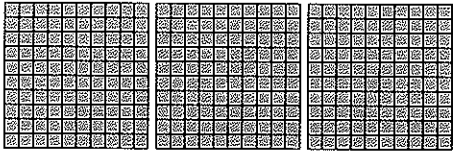


Think: How many ones blocks are in 212?

Using Greater Than and Less Than Symbols

Name _____ Class _____ Date _____

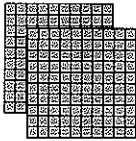


Get Started

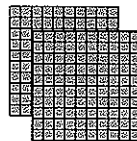


1

Hundreds	Tens	Ones
		

How To

Compare the numbers 217 and 213.

Hundreds	Tens	Ones
2	1	7
		

Hundreds	Tens	Ones
2	1	3
		

Step 1

Is the number of hundreds flats the same? _____
If yes, compare the tens rods.

Think: Which digit do you look at first?

Step 2

Is the number of tens rods the same? _____
If yes, compare the ones blocks.

Step 3

Look at the ones blocks. Which digit is greater? _____
So, 217 > 213.

New Vocabulary

order
graph
number line

Lesson 10

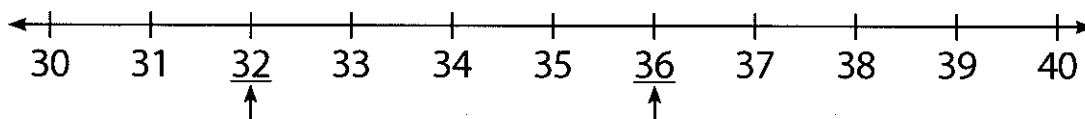
Ordering Numbers on a Number Line

Name _____ Class _____ Date _____

Get Started



1



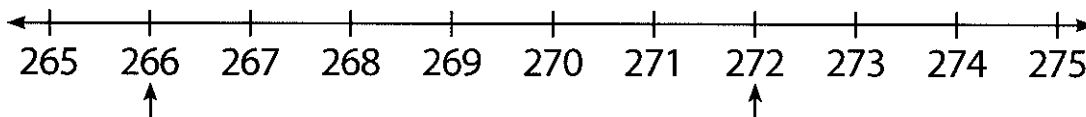
How To



Use a number line to order the numbers from least to greatest: 268, 272, 266

Step 1

Graph points on the number line to represent the numbers.



Step 2

Identify the least number. _____

Step 3

Identify the greatest number. _____

Step 4

Identify the number in between. _____

Step 5

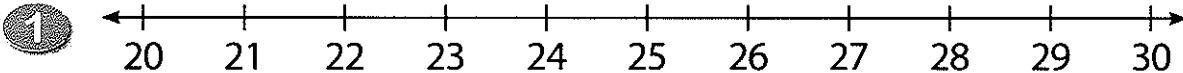
Order the numbers from least to greatest.
_____, _____, _____

Think: Where is the least number on the number line?

Using a Problem-Solving Plan

Name _____ Class _____ Date _____

Get Started



Order the numbers 29, 26, and 24 from least to greatest.

_____, _____, _____

How To

Kara has 44 trading cards. Marcus has 48 trading cards. Peter has 42 trading cards. Who has the most trading cards?

Step 1

Find: the person with the most trading cards

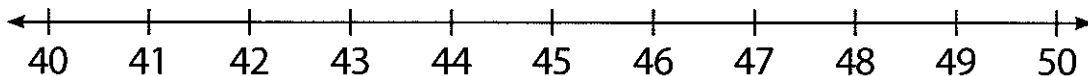
Think: What does the word **most** mean?

Step 2

How? Use a number line to order the numbers. Find the greatest number.

Step 3

Solve. Graph the numbers on the number line.



What is the greatest number? _____

Who has the most trading cards? _____

Step 4

Does my answer make sense? Explain.

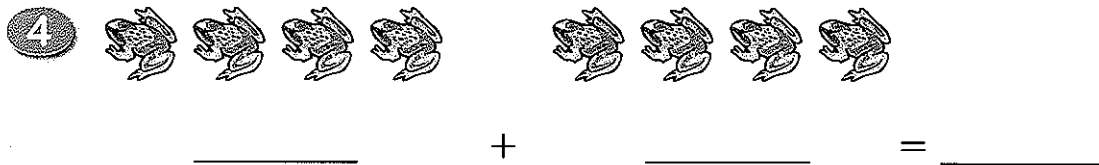
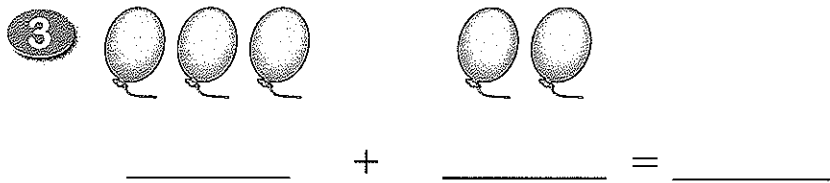
New Vocabulary

part equal sign
whole addition sentence
add sum
plus sign

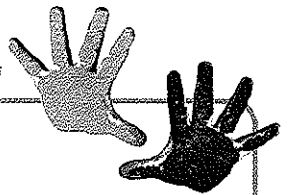
Writing Addition Sentences

Name _____ Class _____ Date _____

Get Started



How To



Write an addition sentence for the picture.

Step 1

Count the cubes in the first group.



Step 2

Count the cubes in the second group.



Step 3

Add.

Think: Do I count on or count back to add?

_____ + _____ = _____

Adding in Any Order

Name _____ Class _____ Date _____

Get Started



1



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2

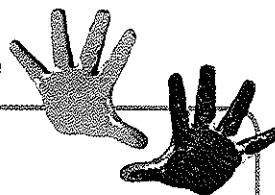
$$4 + 3 = \underline{\hspace{2cm}}$$

3



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

How To



Add 5 and 3 in two different ways.

Step 1

Write an addition sentence.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Think:
Which addend
should be
first?

Step 2

Change the order of the addends.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Making a 10 to Add

Name _____ Class _____ Date _____

Get Started



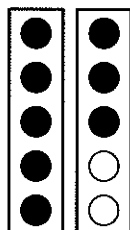
1 $5 + 2 =$ _____

$2 + 5 =$ _____

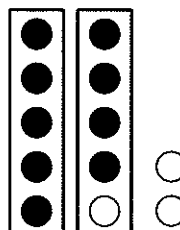
2 $3 + 7 =$ _____

$7 + 3 =$ _____

3 $8 + 2 =$ _____



4 $9 + 3 =$ _____



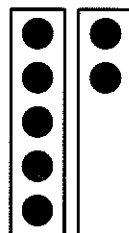
How To



Add 7 and 6.

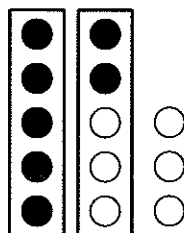
Step 1

Use red counters for the first addend.



Step 2

Use yellow counters for the second addend.



Step 3

Write the sum.

$7 + 6 =$ _____

Think: If I have 7, how many more do I need to make a 10?