
GRADE 2 VOLUME 2
enVision Mathematics
SAVVAS

Contents

Digital Resources at SavvasRealize.com



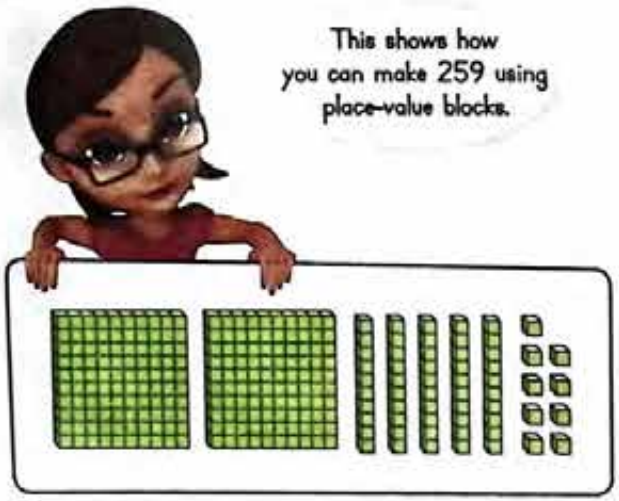


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1 Fluently Add and Subtract Within 20
2 Work with Equal Groups
3 Add Within 100 Using Strategies
4 Fluently Add Within 100
5 Subtract Within 100 Using Strategies
6 Fluently Subtract Within 100
7 More Solving Problems Involving Addition and Subtraction
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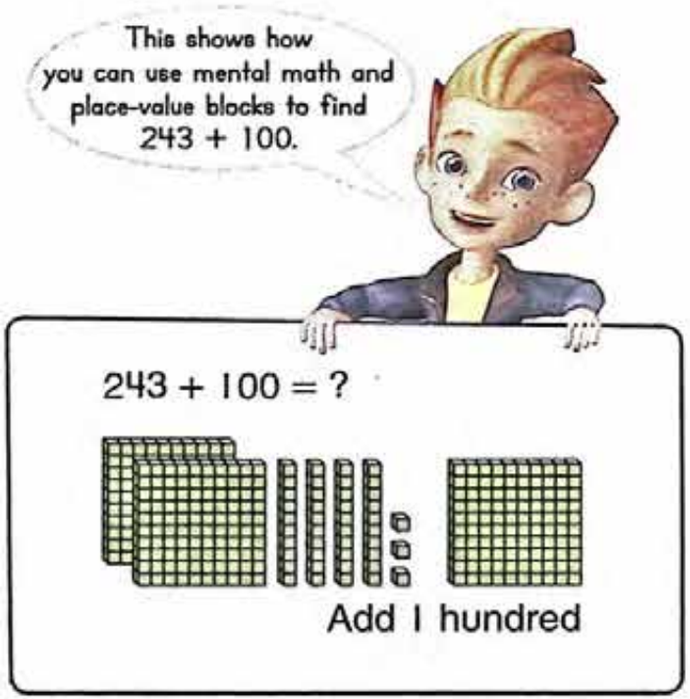


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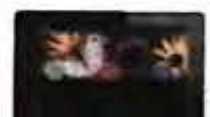


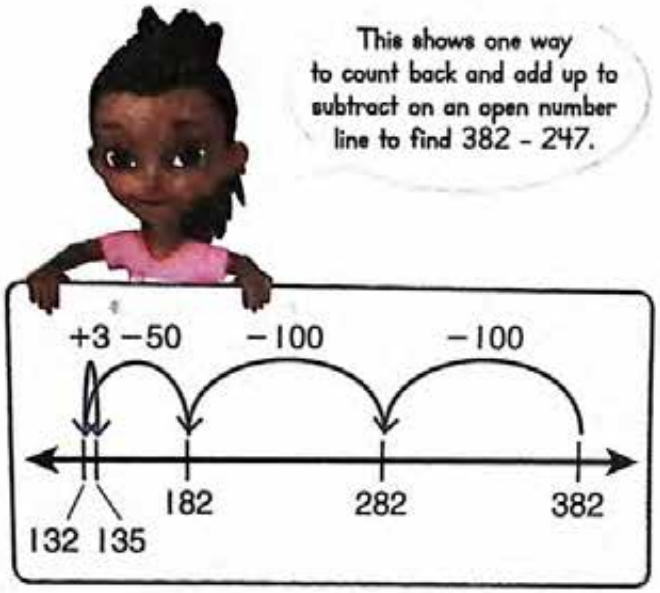
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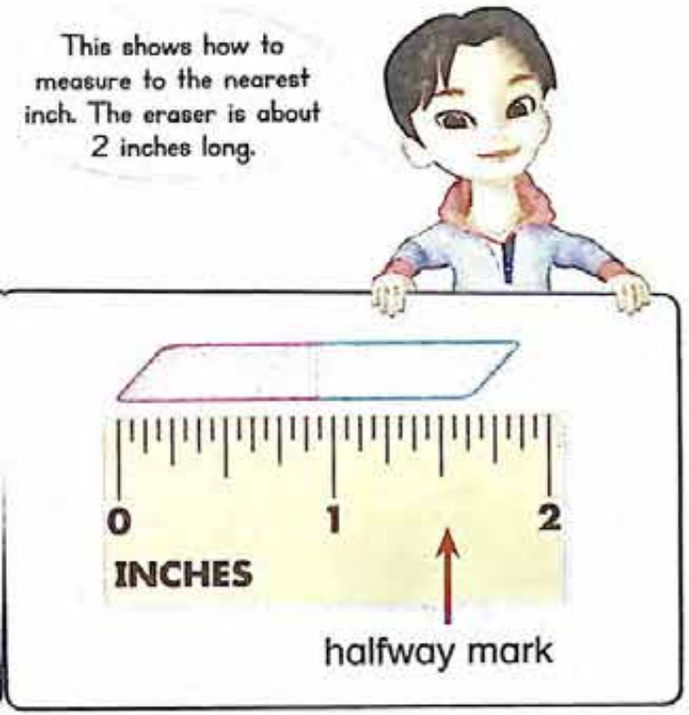


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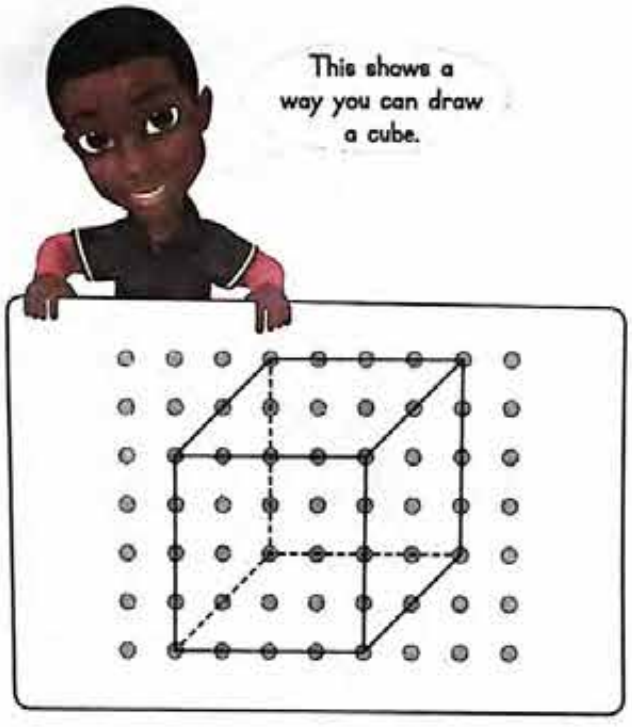
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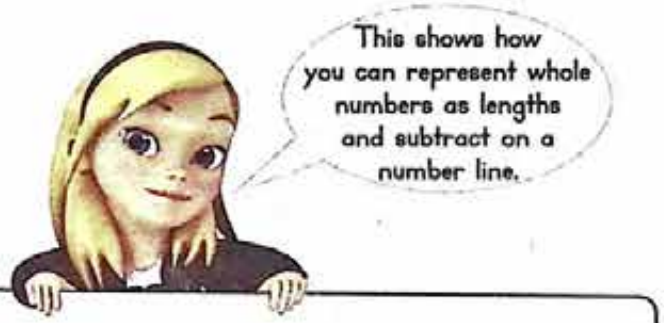


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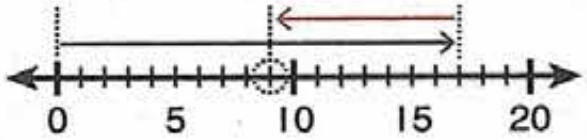
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Amelia buys 17 feet of rope. She cuts off 8 feet of rope to make a jump rope.

How many feet of rope does she have left?



TOPIC 14
More Addition, Subtraction, and Length

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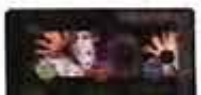
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This picture graph shows data and can be used to solve problems.

Favorite Ball Games	
Baseball	2
Soccer	8
Tennis	4

Each 1 = 1 student

TOPIC 15
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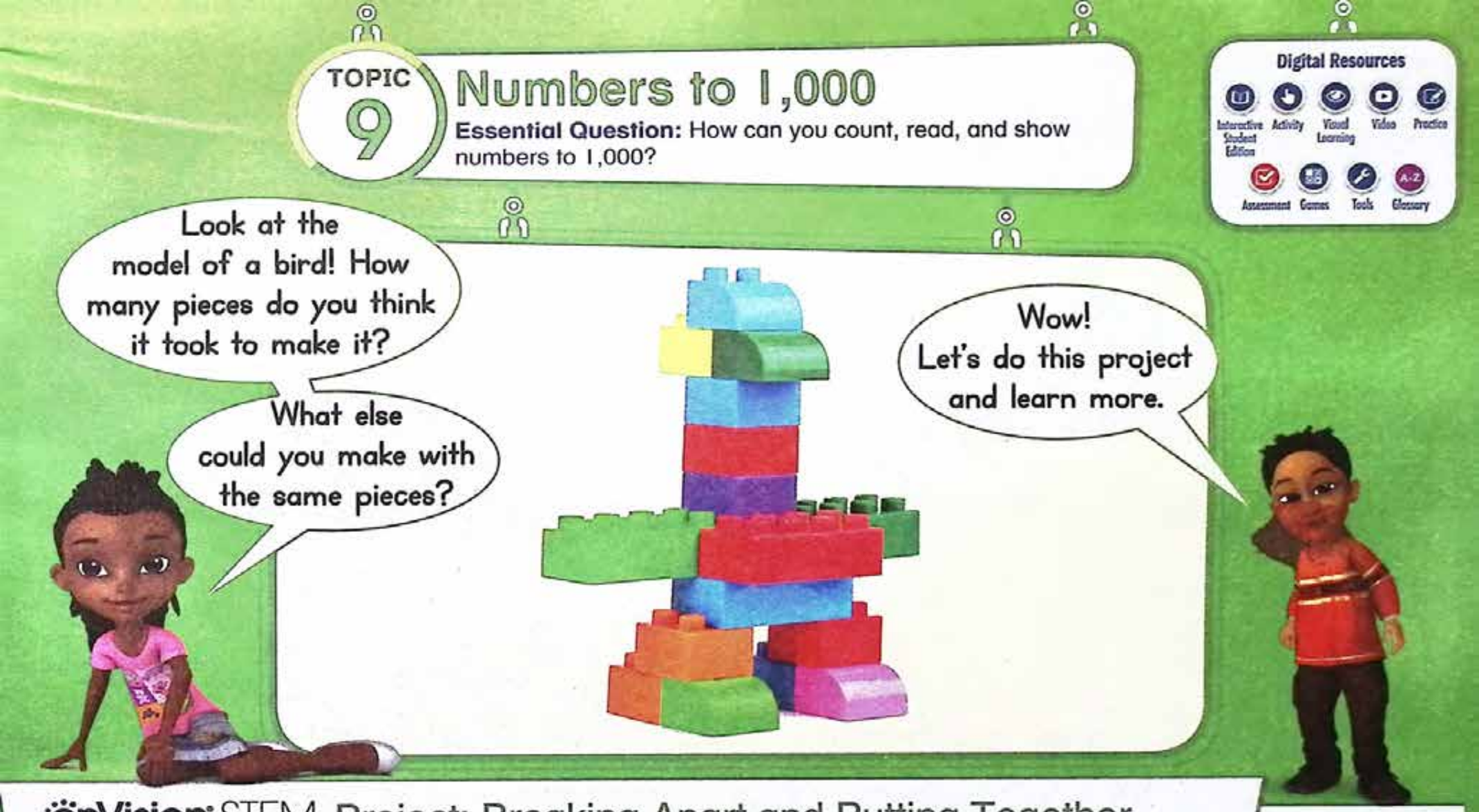
TOPIC 9

Numbers to 1,000

Essential Question: How can you count, read, and show numbers to 1,000?

Digital Resources

Interactive Student Edition · Activity · Visual Learning · Video · Practice · Assessment · Games · Tools · Glossary



enVision STEM Project: Breaking Apart and Putting Together

Find Out Collect sets of building blocks. Take turns and work together. Use the blocks to build a model. Then take that model apart and use the same blocks to build a different model.

Journal: Make a Book Show your models in a book. In your book, also:

- Tell how many pieces you used to build your models.
- Show how to use place-value blocks to model different names for the same number.

Name _____

Review What You Know

Vocabulary

1. Circle the coin with the **least value**. Put a square around the coin with the **greatest value**.



2. Circle the number that has 5 **ones** and 4 **tens**.

54

45

40

5

3. Tom is having breakfast. The minute hand on the clock shows **half past** 7 **o'clock**. Circle the time on the clock.

7:15 a.m.

7:30 a.m.

7:15 p.m.

7:30 p.m.

Counting Money

4. Circle coins that total 37¢.



Breaking Apart Numbers

5. Break apart each number into tens and ones.

23 = _____ + _____

47 = _____ + _____

96 = _____ + _____

Math Story

6. Howie has $13. A backpack costs $30. How much more money does Howie need to buy the backpack?

$_____

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Name _____

Pick a Project

PROJECT 9A

Which are the hottest planets in our solar system?

Project: Make a Planets Poster



PROJECT 9B

What is the height of the tallest waterfall in the world?

Project: Design a Waterfall Guide



PROJECT 9C

How much do large animals weigh?

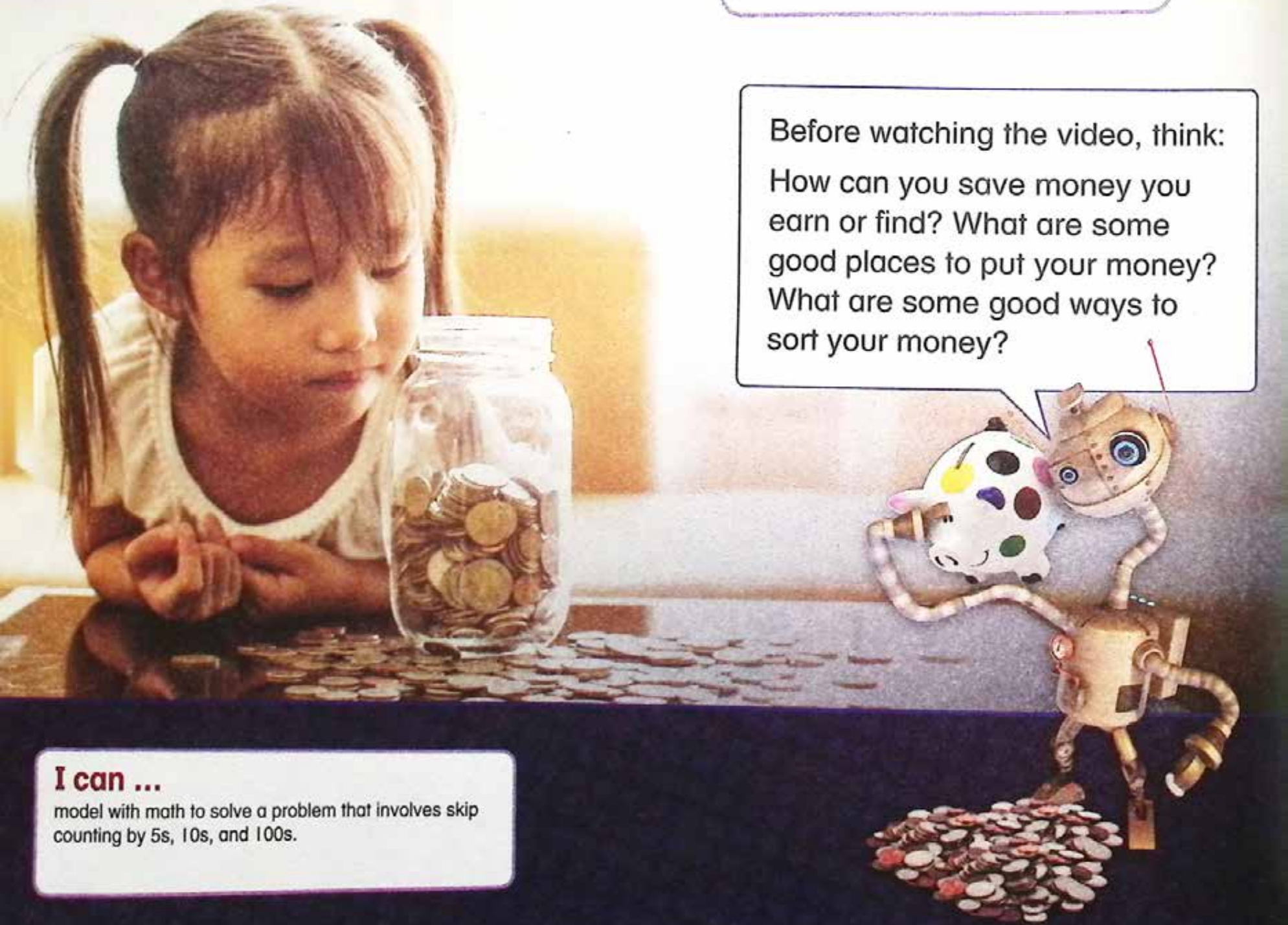
Project: Create an Animal Riddle Booklet



3-ACT MATH PREVIEW

Math Modeling

Makes Cents



Before watching the video, think:

How can you save money you earn or find? What are some good places to put your money? What are some good ways to sort your money?

I can ...

model with math to solve a problem that involves skip counting by 5s, 10s, and 100s.

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Name _____

Activity

Lesson 9-1
Understand Hundreds

I can ...
understand place value and count by hundreds to 1,000.

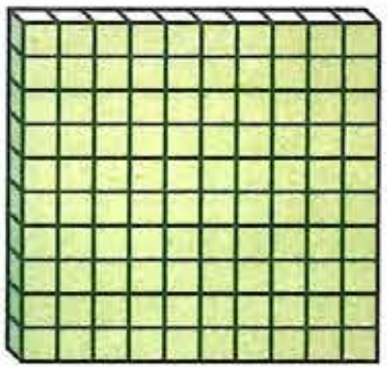
I can also use math tools correctly.

Solve & Share

What is another way to show 100? Draw a picture and explain.



Way 1



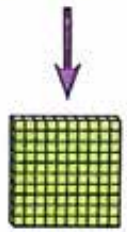
Way 2

10 ones make 1 ten.



10 tens make 1 hundred.

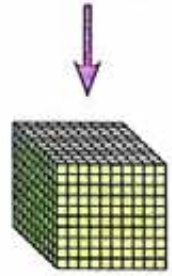




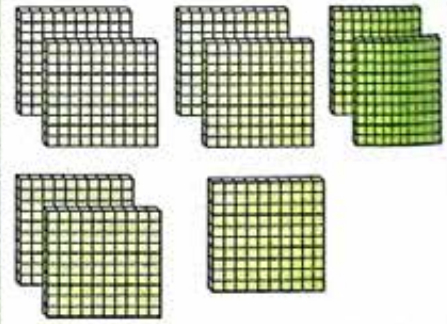


10 hundreds make 1 **thousand**.





What is the number?



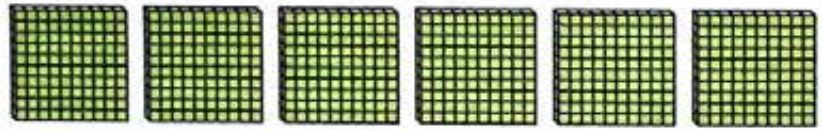
900 equals 9 hundreds, 0 tens, and 0 ones.

Convince Me! 10 ones make 1 ten. 10 tens make 1 hundred. 10 hundreds make 1 thousand. Do you see a pattern? Explain.

Guided Practice

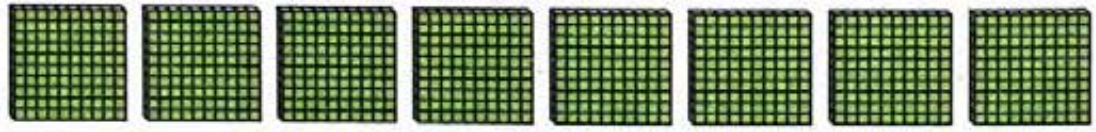
Complete each sentence. Use place-value blocks and your workmat to help.

1.



600 equals 6 hundreds, 0 tens, and 0 ones

2.



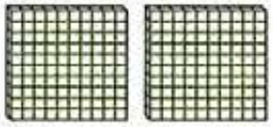
_____ equals _____ hundreds, _____ tens, and _____ ones

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Name _____

Independent Practice

Complete each sentence. Use models if needed.

3. 

_____ equals _____ hundreds, _____ tens, and _____ ones.

4. 

_____ equals _____ hundreds, _____ tens, and _____ ones.

5. 

_____ equals _____ hundreds, _____ tens, and _____ ones.

6. 

_____ equals _____ hundreds, _____ tens, and _____ ones.

7. **Number Sense** Complete the pattern.

100	200	300		500		700	800	900	

Problem Solving

Solve each problem. Use models if needed.

8. Use Tools Lucy picked a number. She says her number has 8 hundreds, 0 tens, and 0 ones.

What is Lucy's number?

_____

9. Vocabulary Complete the sentences using the words below.

hundred **tens** **ones**

There are 100 _____ in one hundred.

There are 10 _____ in one _____.

Higher Order Thinking Farrah and Cory are playing beanbag toss. Circle the two other numbers they each must get to score 1,000 points.

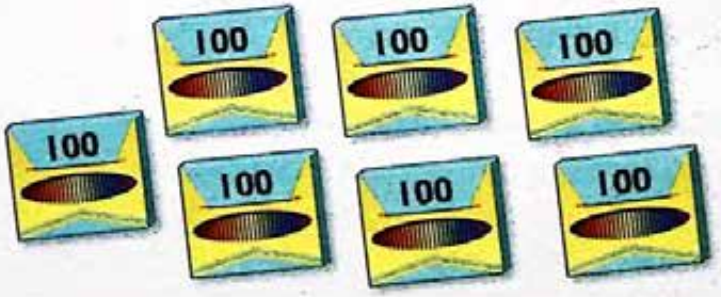
10. Farrah has 300 points.

200 500 600 300

11. Cory has 500 points.

100 200 400 700

12. Assessment Practice Each box has 100 pencils. Count by hundreds to find the total. Which number tells how many pencils are in the boxes?



Ⓐ 170 Ⓒ 800

Ⓑ 700 Ⓓ 900

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Name _____

Activity

Lesson 9-2
Models and 3-Digit Numbers

I can ...
use place-value blocks and drawings to model and write 3-digit numbers.

I can also use math tools correctly.

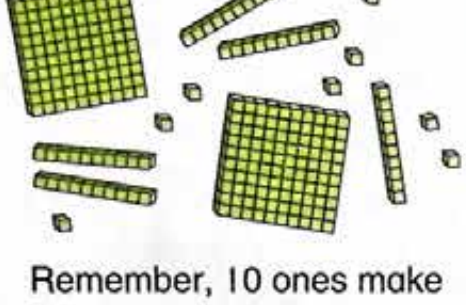
Solve & Share

How can you use place-value blocks to show 125? Explain.

Draw your blocks to show what you did.

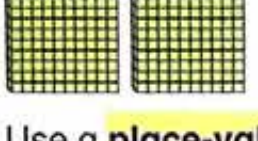


What number do the models show?



Remember, 10 ones make 1 ten.
10 tens make 1 hundred.

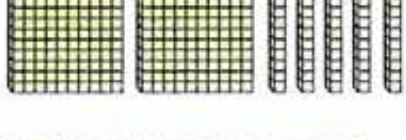
First, count the hundreds.



Use a **place-value chart** to show the value of each **digit**.

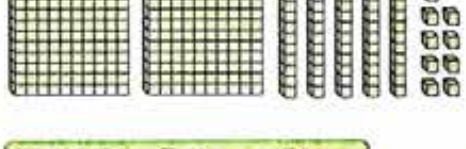
Hundreds	Tens	Ones
2		

Then count the tens.

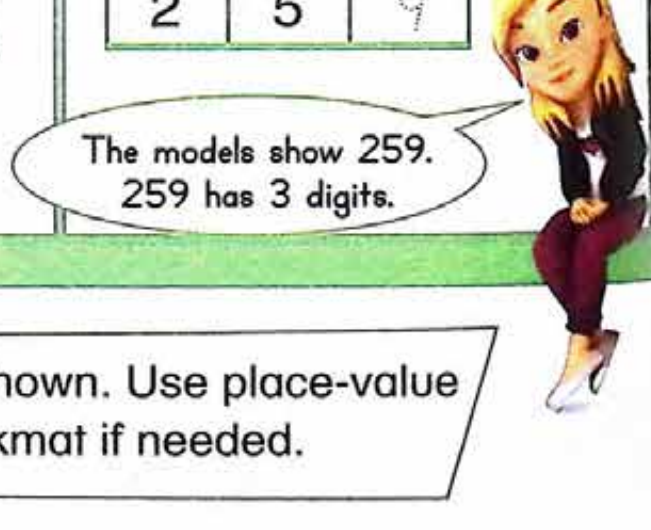


Hundreds	Tens	Ones
2	5	

Then count the ones.



Hundreds	Tens	Ones
2	5	9



Convince Me! How many hundreds are in 395?
How many tens?
How many ones?

Guided Practice

Write the numbers shown. Use place-value blocks and your workmat if needed.

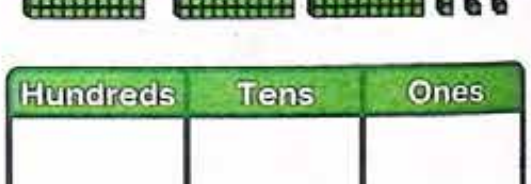
1.



Hundreds	Tens	Ones
	7	0

70

2.



Hundreds	Tens	Ones

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Name _____

Independent Practice

Write the numbers shown. Use models and your workmat if needed.

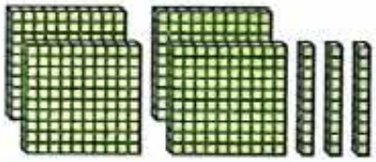
3.



Hundreds	Tens	Ones

_____

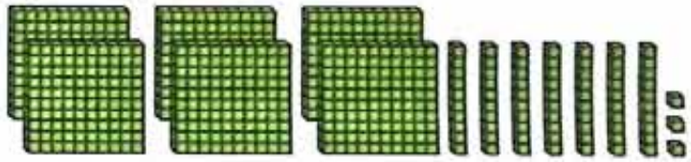
4.



Hundreds	Tens	Ones

_____

5.



Hundreds	Tens	Ones

_____

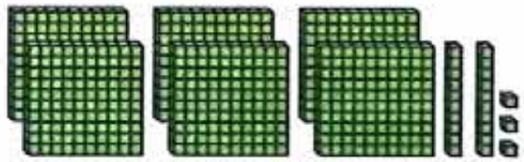
6.



Hundreds	Tens	Ones

_____

7.



Hundreds	Tens	Ones

_____

8.



Hundreds	Tens	Ones

_____

9. Higher Order Thinking Find the number. It has 5 hundreds. The digit in the tens place is between 5 and 7. The number of ones is 2 less than 4. _____

Problem Solving Solve the problems below.

10. Make Sense Complete the chart. A number has an 8 in the hundreds place. It does not have any tens. It has a 3 in the ones place. Check that your answer makes sense.

Hundreds	Tens	Ones

What is the number? _____

11. Draw models to show 1 hundred, 4 tens, and 3 ones. Then write the number in the chart.

Hundreds	Tens	Ones

12. Higher Order Thinking Choose a three-digit number. Draw models to show the hundreds, tens, and ones for your number. Write the number below.

_____

13. Assessment Practice Katie used these models to show a number. Which number is shown?



Ⓐ 759

Ⓑ 768

Ⓒ 858

Ⓓ 859

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