

North Penn School District
Elementary Math Parent Letter

Grade 1

Unit 1 -- Chapter 2: Subtraction Concepts

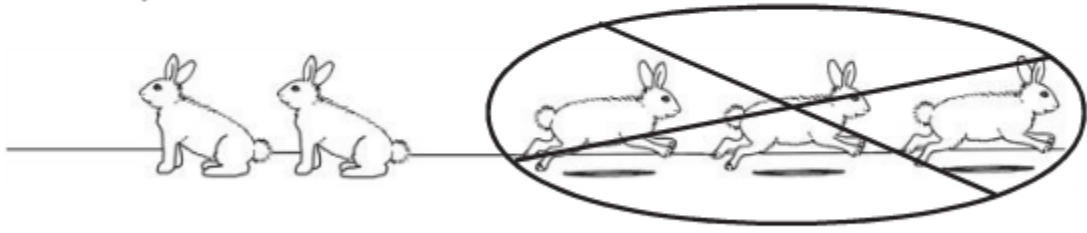
Examples from each lesson

Lesson 2.1

Use Pictures to Show Taking From

Represent and solve problems involving addition and subtraction.

Use the picture.



5 rabbits 3 hop away. 2 rabbits now

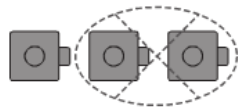
Lesson 2.2

Model Taking From

Represent and solve problems involving addition and subtraction.

Circle the part you take from the group.
Then cross it out.

3 dogs 2 dogs run away. dog now



$3 - 2 = \underline{\quad}$

More information on this strategy is available on Animated Math Models #6, 7.

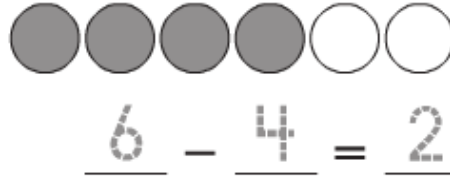
Lesson 2.3

Model Taking Apart

Represent and solve problems involving addition and subtraction.

You can use ○ to **subtract**.
Sam has 6 cars. 4 cars are red.
The rest are yellow.
How many cars are yellow?

2 cars are yellow.



Lesson 2.4

Problem Solving • Model Subtraction

Represent and solve problems involving addition and subtraction.

There were 9 bugs on a rock. 7 bugs ran away.
How many bugs are on the rock now?

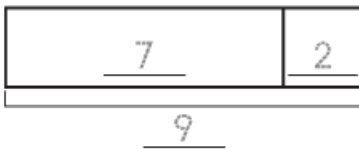
What do I need to find?

how many bugs
on the rock now

What information do I need to use?

9 bugs on a rock
7 bugs ran away

Show how to solve the problem.



$$9 - 7 = \underline{2}$$

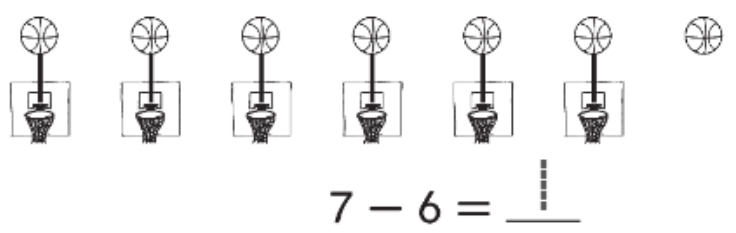
More information on this strategy is available on Animated Math Model #8.



Lesson 2.5



Use Pictures and Subtraction to Compare

Work with addition and subtraction equations.

You can subtract to compare groups.


$$7 - 6 = 1$$

There is 1 **more**  than there are .


There is 1 **fewer**  than there are .

More information on this strategy is available on Animated Math Model #9.

Lesson 2.6

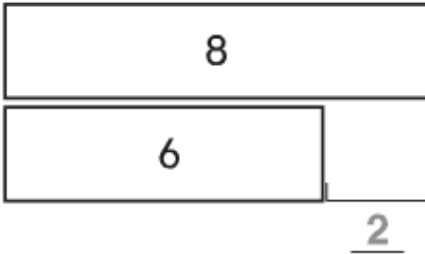
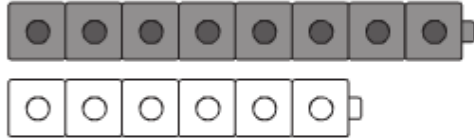
Subtract to Compare

Represent and solve problems involving addition and subtraction.

You can use  to show the bar model.

Andy has 8 balloons.
Jill has 6 balloons.
How many more balloons does Andy have than Jill?

_____ more balloons



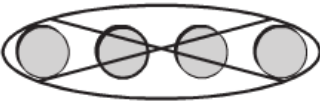


$$\underline{8} - \underline{6} = \underline{2}$$

More information on this strategy is available on Animated Math Model #9.

Lesson 2.7

Subtract All or Zero

Work with addition and subtraction equations




<p>When you subtract zero from a number, the difference is the number.</p>  <p>No  are crossed out.</p> $4 - 0 = \underline{4}$	<p>When you subtract a number from itself, the difference is zero.</p>  <p>All  are crossed out.</p> $4 - 4 = \underline{0}$
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More information on this strategy is available on Animated Math Model #10.

Lesson 2.8

Algebra • Take Apart Numbers


Represent and solve problems involving addition and subtraction.

<p>You can use  to take apart 6.</p> <p>Circle the part you take away.</p> <p>Then cross it out.</p> 	$6 - 5 = \underline{1}$
	$6 - 4 = \underline{2}$

More information on this strategy is available on Animated Math Model #11.

Lesson 2.9

Subtraction from 10 or Less Add and subtract within 20.

You can use  to help you subtract.



$$\begin{array}{r} 6 \\ - 3 \\ \hline \boxed{3} \end{array}$$



$$\begin{array}{r} 3 \\ - 1 \\ \hline \boxed{2} \end{array}$$

Vocabulary

Compare – to describe whether amounts or size are equal to, less than, or greater than each other

Difference – the answer in a subtraction problem

Fewer – smaller quantity or amount

Minus – a symbol that shows subtraction

More – greater quantity or amount

Subtract – to take away objects from a group or to compare groups

Subtraction sentence – a number sentence where one number is subtracted from another