North Penn School District

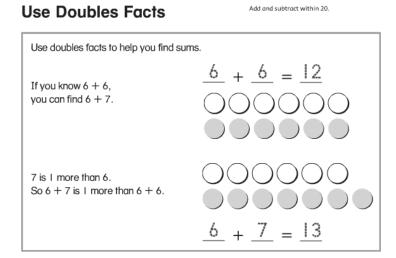
Elementary Math Parent Letter

Grade 2

Unit 2 – Chapter 3: Basic Facts and Relationships

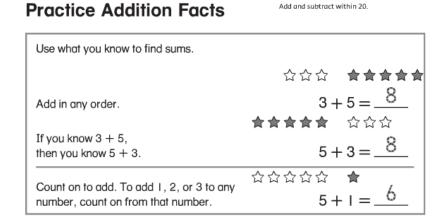
Examples for each lesson

Lesson 3.1



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

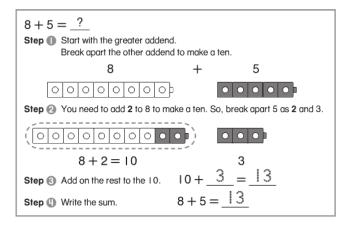
Lesson 3.2



More information on this strategy is available on Animated Math Models #12, 13, 14, and 15.

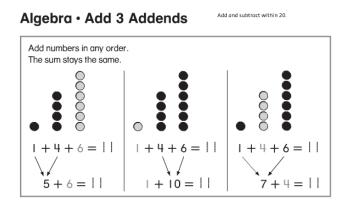
Lesson 3.3

Algebra • Make a Ten to Add Add and subtract within 20.



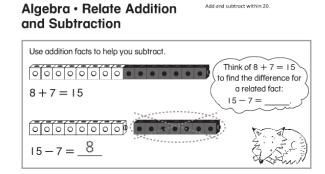
More information on this strategy is available on Animated Math Model #16.

Lesson 3.4



More information on this strategy is available on Animated Math Model #17.

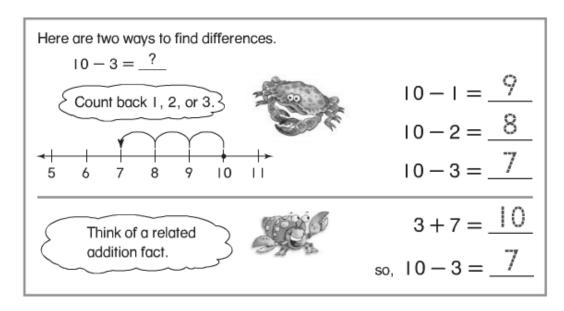
Lesson 3.5



More information on this strategy is available on Animated Math Model #18.

Practice Subtraction Facts

Add and subtract within 20.



More information on this strategy is available on Animated Math Models # 18, 19, 20, and 21.

Lesson 3.7

Use Ten to Subtract

Add and subtract within 20.

You can get to ten to help find differences. $13-7=\underline{?}$ Step ① Start with the first number.

Step ② Subtract ones to get to 10. 13-3=10Step ③ Subtract the rest from the 10.

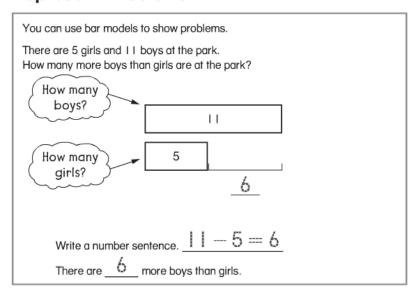
Think: I had 7. I subtracted 3 to get to 10.

Now I subtract the 4 I have left. $13-7=\underline{6}$ Step ① Write the difference. $13-7=\underline{6}$

Lesson 3.8

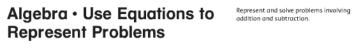
Algebra • Use Drawings to Represent Problems

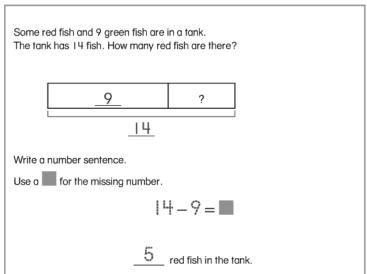
Represent and solve problems involving addition and subtraction.



More information on this strategy is available on Animated Math Model #22.

Lesson 3.9





More information on this strategy is available on Animated Math Model #23.

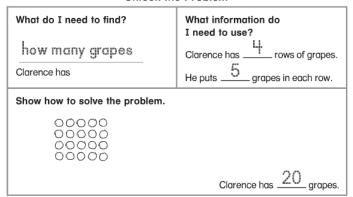
Lesson 3.10

Problem Solving • Equal Groups

Work with equal groups of objects to gain foundations for multiplication.

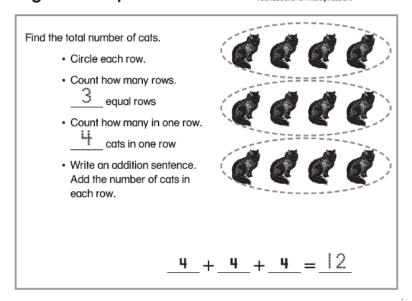
Clarence puts grapes in 4 rows. He puts 5 grapes in each row. How many grapes does Clarence have?

Unlock the Problem



Lesson 3.11

Algebra • Repeated Addition Work with equal groups of objects to gain foundations for multiplication.



Vocabulary

Sums – the answers to addition problems

Addends – any of the numbers that are added

Differences – the answers to subtraction problems