

First Edition

Instruction CoachTM Mathematics

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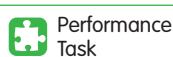
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Problem Solving



Fluency Lesson








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Chapter I

Operations and Algebraic Thinking

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Lesson 6 Counting On

★ You can **count on** to add.

Example 1

$6 + 2 = \square$



1

Count on to add.
Start with the greater number.
Start with 6.



2

Count on 2.



$6 \rightarrow 7 \quad \underline{\quad 8 \quad}$

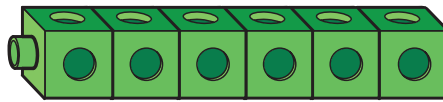
▶ $6 + 2 = \square$

Example 2

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

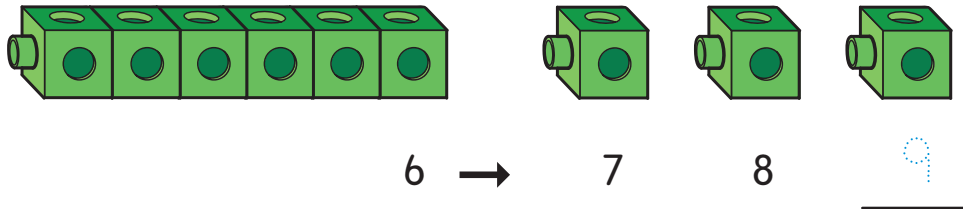
1

Use cubes.
Start with the greater number.
Start with 6.



2

Add 3 more.
Count on 3.



$$\begin{array}{r} \blacktriangle 3 \\ + 6 \\ \hline \square \end{array}$$

Example 3

$$11 - 9 = \square$$

1

Write a related addition sentence.

9 plus what number equals 11?

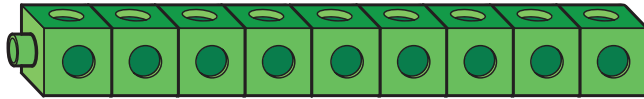
$$9 + \square = 11$$



2

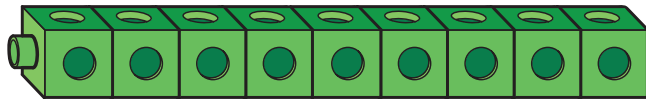
Find the missing addend.

Start with 9 cubes.



3

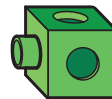
Count more cubes to make 11.



9



10



11

$$9 + \underline{2} = 11$$

► $11 - 9 = \square$

Try

How many stars in all?



Add.

$$2 + 8 = \square$$

1

Start with the greater number.

8 is greater than 2



2

Count on to add.

Start with _____. Count on _____.



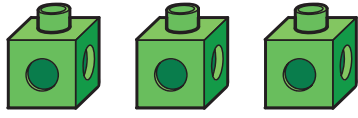
_____ → _____

$$2 + 8 = \square$$

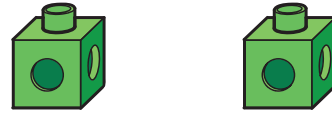
► There are _____ stars in all.

Practice

1 $3 + 2 =$

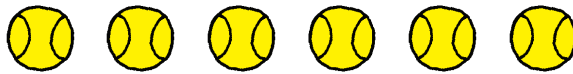


3



$3 + 2 =$

2 $6 + 1 =$



6



$6 + 1 =$

3 $4 + 3 =$



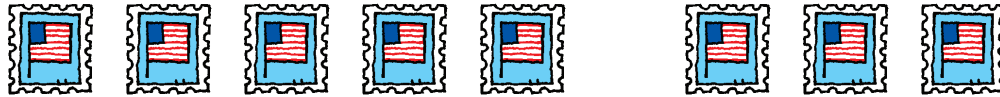
4



$4 + 3 =$

4 $8 - 5 = \square$

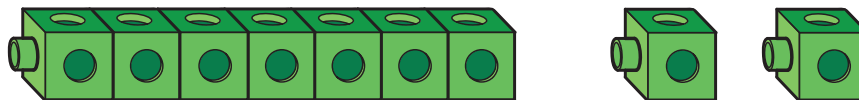
$5 + \square = 8$



$8 - 5 = \square$

5 $9 - 7 = \square$

$7 + \square = 9$



$9 - 7 = \square$

6 **SHOW** $5 + 2 = \square$

Draw a picture.

Show how you count on to find the answer.

$5 + 2 = \square$