BRIDGES® IN MATHEMATICS

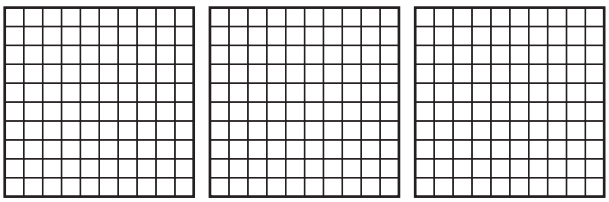
Grade 2 Unit 7 Module 1
Practice Pages for Math at Home

NAME | DATE

Different Ways to Look at the Same Number page 1 of 2

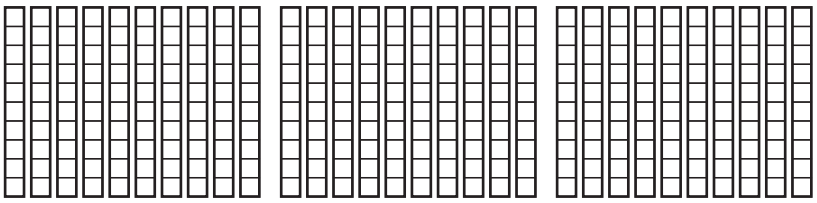
1 Use the pictures to help fill in the answers below.

a Sara built 300 with hundreds mats.



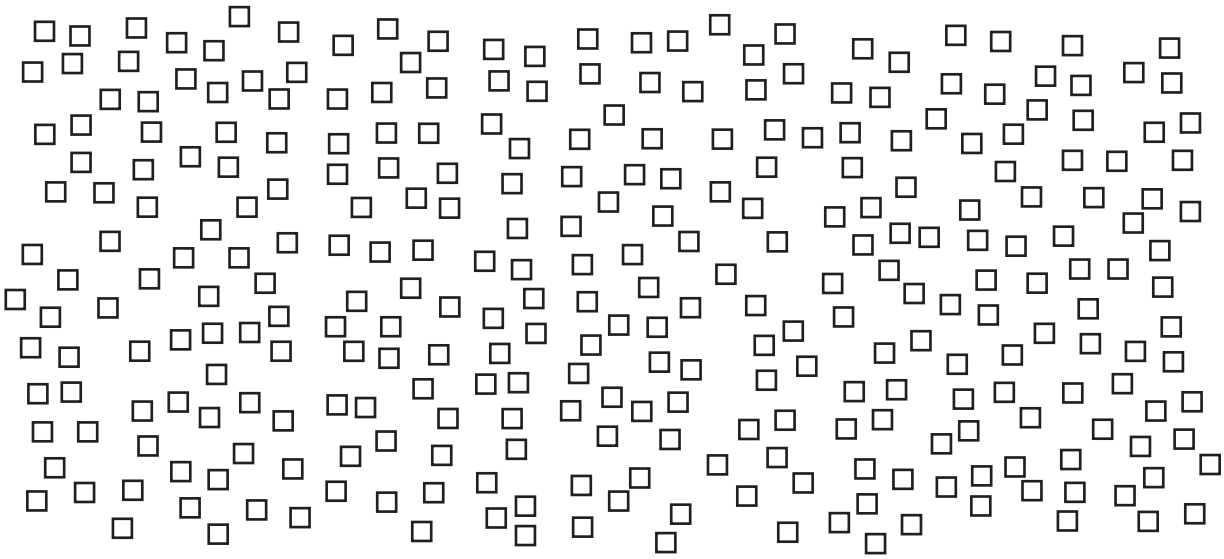
There are _____ 100s in 300.

b Her brother traded in each mat for 10 strips of tens.



There are _____ 10s in 300.

c If you traded in all the strips for units of one, how many 1s would that be?



There are _____ 1s in 300.

2 Check to make sure there are really 300 units. Loop groups of 10s in different colors. Then label the groups of 10. (10, 20, 30, …)

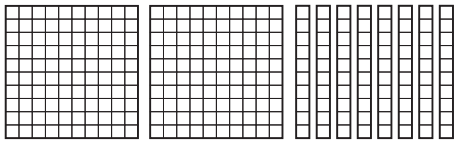
(continued on next page)

NAME | DATE

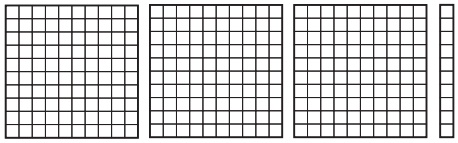
Different Ways to Look at the Same Number page 2 of 2

3 Tell how many hundreds, tens, and ones there are in each number. Use the pictures to help.

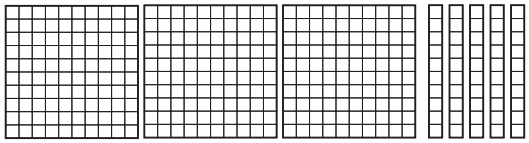
ex
There are 2 hundreds in 280.
There are 28 tens in 280.
There are 280 ones in 280.



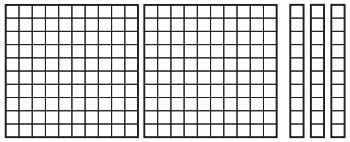
a
There are _____ hundreds in 310.
There are _____ tens in 310.
There are _____ ones in 310.



b
There are _____ hundreds in 350.
There are _____ tens in 350.
There are _____ ones in 350.



c
There are _____ hundreds in 230.
There are _____ tens in 230.
There are _____ ones in 230.



4 **CHALLENGE** Draw a line from the number on the left to its matching number on the right.

5 hundreds + 2 tens + 9 ones	420 ones
42 tens	52 tens + 9 ones
30 tens + 9 ones	12 tens + 9 ones
1 hundred + 20 tens + 9 ones	3 hundreds + 9 ones

NAME | DATE

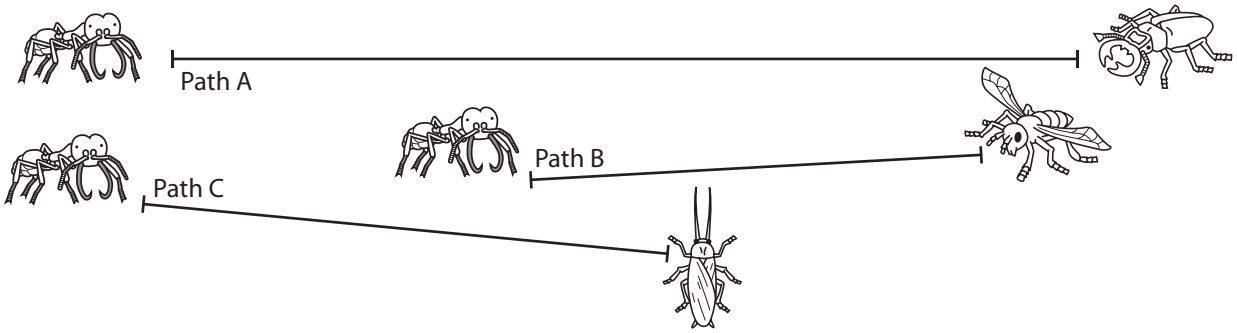
Ants & Hotdogs page 1 of 2

1 How many centimeters does the army ant have to go to get to each bug? Use the centimeter side of your ruler to find out.

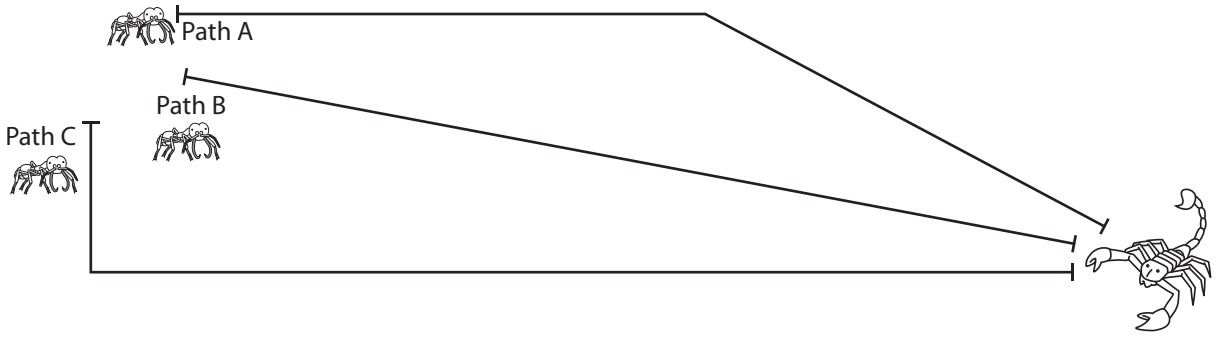
a On Path A the army ant has to travel _____ centimeters.

b On Path B the army ant has to travel _____ centimeters.

c On Path C the army ant has to travel _____ centimeters.



2 The army ants want to get the scorpion. They can use Path A, B, or C.



a Use the centimeter side of your ruler to measure each path. Write each length on the lines below.

Path A _____ Path B _____ Path C _____

b If you were an army ant, which path would you use? Path _____
Why?

(continued on next page)

NAME | DATE

Ants & Hotdogs page 2 of 2

3 Sam has a hot dog stand at the mall. The chart below shows how many hot dogs he sold last week. Use the chart to help answer the questions below.

a Which day did Sam sell the most hot dogs?

b Which day did Sam sell the fewest hot dogs?

c How many hot dogs did Sam sell on Tuesday and Wednesday put together? Show your work.

Hot Dogs Sold	
Day	**Number of Hot Dogs**
Monday	119
Tuesday	125
Wednesday	163
Thursday	108
Friday	234
Saturday	345
Sunday	325

4 Use one of the signs below to compare the number of hot dogs Sam sold on different days.

< less than = equal to > greater than

125 ___<___ 345 325 _____ 108 108 _____ 119

234 _____ 164 163 _____ 345 325 _____ 234

5 Put the numbers from the chart (in problem 3) in order from least to greatest on the lines below.

_____, _____, _____, _____, _____, _____, _____

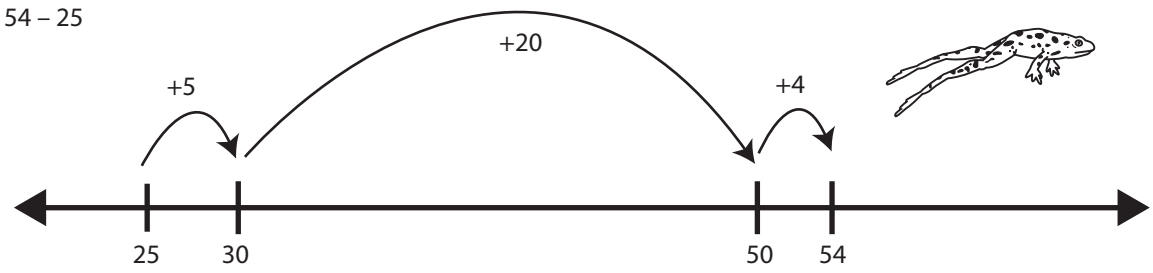
least greatest

6 **CHALLENGE** How many hot dogs did Sam sell in all? Show your work.

NAME | DATE

Subtraction & Measuring Practice page 1 of 2

DJ likes to make hops on the number line to solve 2-digit subtraction problems, like this:



5 + 20 + 4 = 29 so 54 – 25 = 29

1 Solve each of the subtraction problems below. You can use DJ's number line strategy or some other way to solve the problem. Show your work each time.

a 56 – 29

_____ so 56 – 29 = _____

b 70 – 36

_____ so 70 – 36 = _____

c 63 – 19

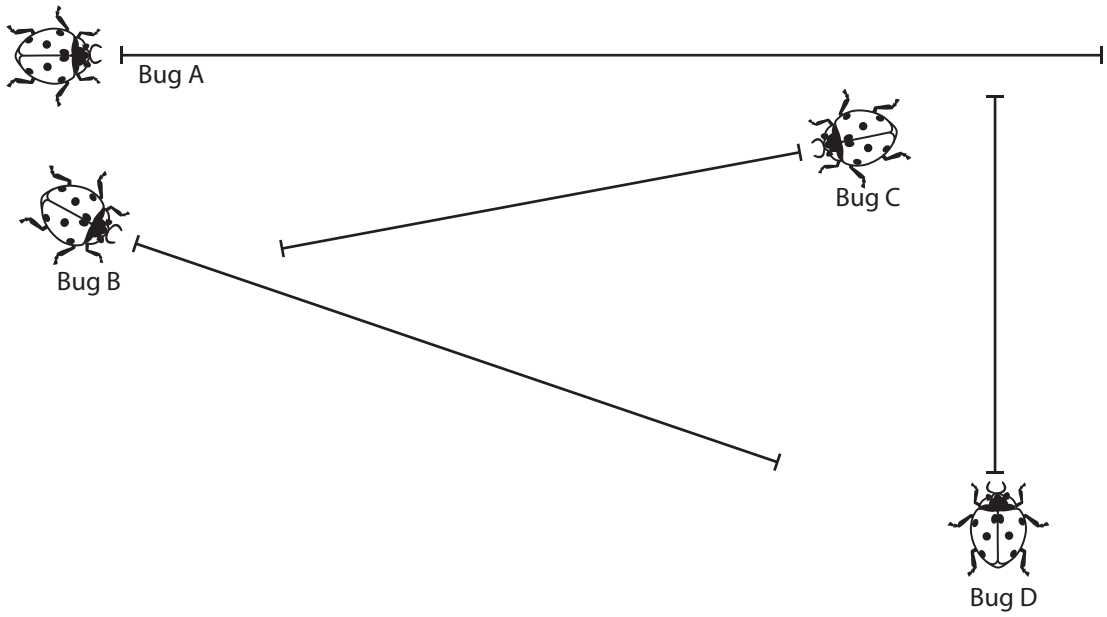
_____ so 63 – 19 = _____

(continued on next page)

NAME | DATE

Subtraction & Measuring Practice page 2 of 2

2 Measure the ladybugs' paths below. Use the centimeter side of your ruler. Write the length of each path on the correct line.



Bug A walked _____ cm Bug B walked _____ cm

Bug C walked _____ cm Bug D walked _____ cm

3 Which ladybug has the longest path? (circle one)

Bug A Bug B Bug C Bug D

4 How much longer is Bug A's path than Bug B's path? _____

5 How much shorter is Bug D's path than Bug A's path? _____

6 How far did the 4 ladybugs walk in all? Write an equation to show.

7 Draw a path from the ladybug to the flower. Measure it with the centimeter side of your ruler.

My path is _____ centimeters long.

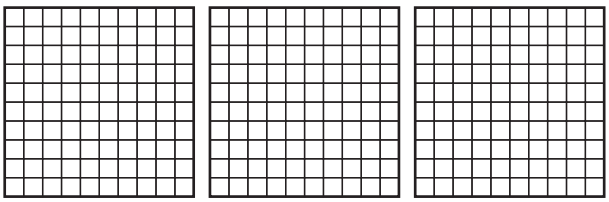
Answer Keys

NAME | DATE

Different Ways to Look at the Same Number page 1 of 2

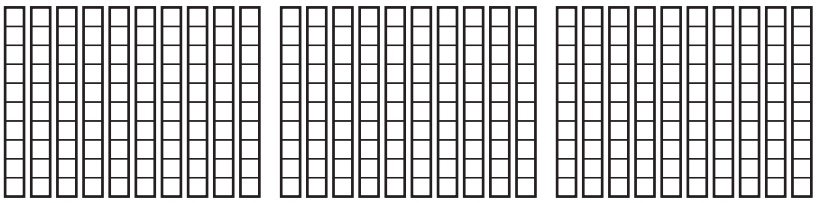
1 Use the pictures to help fill in the answers below.

a Sara built 300 with hundreds mats.



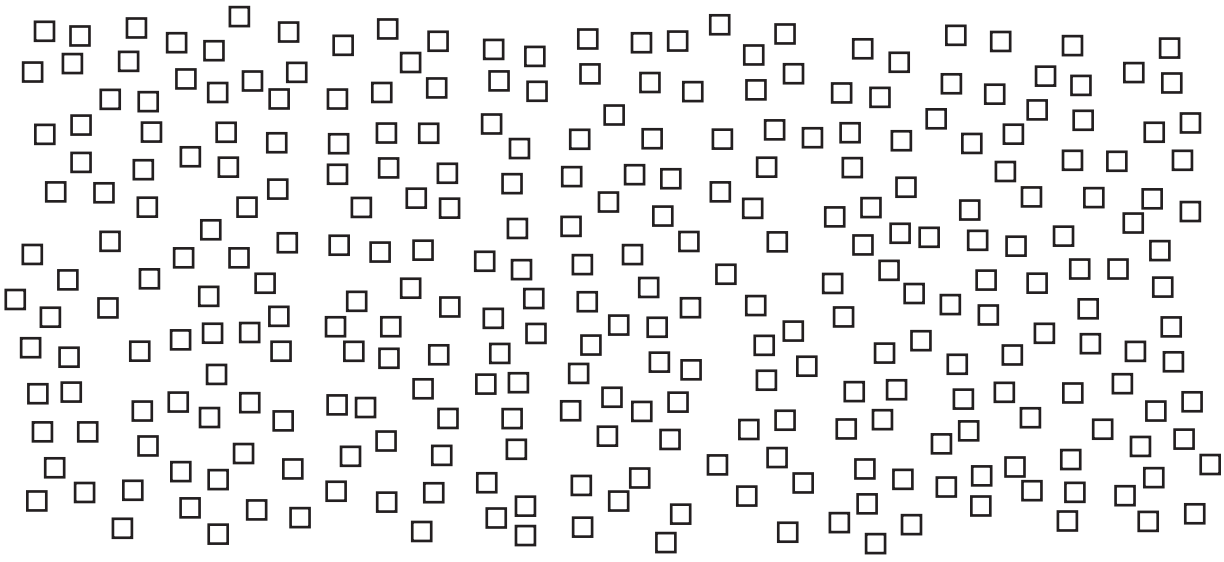
There are 3 100s in 300.

b Her brother traded in each mat for 10 strips of tens.



There are 30 10s in 300.

c If you traded in all the strips for units of one, how many 1s would that be?



There are 300 1s in 300.

2 Check to make sure there are really 300 units. Loop groups of 10s in different colors. Then label the groups of 10. (10, 20, 30, …)

Student work will vary. There should be 30 groups of 10 units each.

(continued on next page)

NAME | DATE

Different Ways to Look at the Same Number page 2 of 2

3 Tell how many hundreds, tens, and ones there are in each number. Use the pictures to help.

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There are 2 hundreds in 280.
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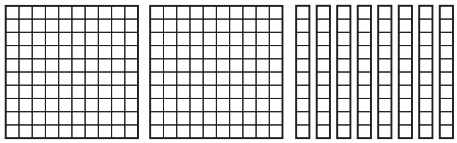
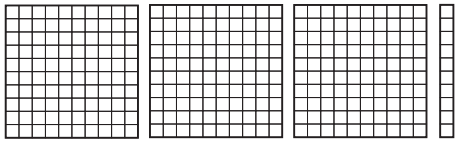
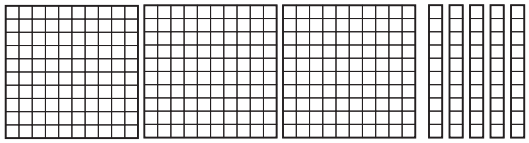


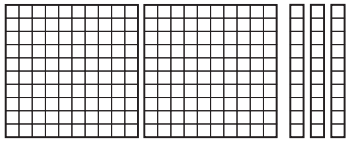
a
There are 3 hundreds in 310.
There are 31 tens in 310.
There are 310 ones in 310.



b
There are 3 hundreds in 350.
There are 35 tens in 350.
There are 350 ones in 350.



c
There are 2 hundreds in 230.
There are 23 tens in 230.
There are 230 ones in 230.



4 **CHALLENGE** Draw a line from the number on the left to its matching number on the right.

5 hundreds + 2 tens + 9 ones	420 ones
42 tens	52 tens + 9 ones
30 tens + 9 ones	12 tens + 9 ones
1 hundred + 20 tens + 9 ones	3 hundreds + 9 ones

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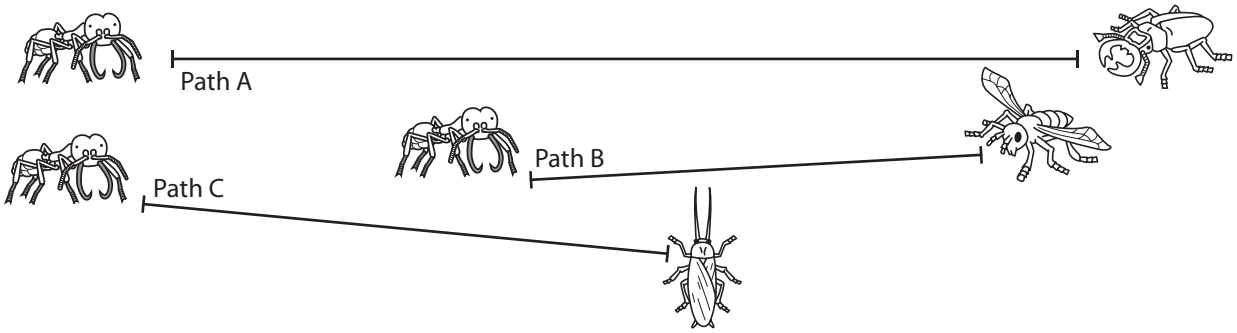
Ants & Hotdogs page 1 of 2

1 How many centimeters does the army ant have to go to get to each bug? Use the centimeter side of your ruler to find out.

a On Path A the army ant has to travel 12 centimeters.

b On Path B the army ant has to travel 6 centimeters.

c On Path C the army ant has to travel 7 centimeters.



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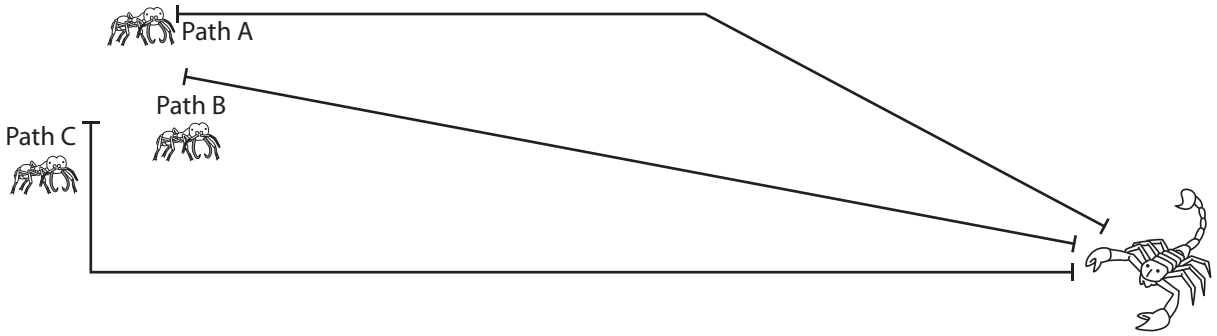

a Use the centimeter side of your ruler to measure each path. Write each length on the lines below.

Path A 13 Path B 12 Path C 15

b If you were an army ant, which path would you use? Path B

Why?

Student responses may vary. Path B is the shortest .

(continued on next page)

NAME | DATE

Ants & Hotdogs page 2 of 2

3 Sam has a hot dog stand at the mall. The chart below shows how many hot dogs he sold last week. Use the chart to help answer the questions below.

a Which day did Sam sell the most hot dogs?
Saturday

b Which day did Sam sell the fewest hot dogs?
Thursday

c How many hot dogs did Sam sell on Tuesday and Wednesday put together? Show your work.

Sam sold 288 total hot dogs on Tuesday and Wednesday. (125 + 163 = 288) Student work may vary.

Hot Dogs Sold	
Day	**Number of Hot Dogs**
Monday	119
Tuesday	125
Wednesday	163
Thursday	108
Friday	234
Saturday	345
Sunday	325

4 Use one of the signs below to compare the number of hot dogs Sam sold on different days.

< less than = equal to > greater than

125 ___<___ 345 325 ___>___ 108 108 ___<___ 119

234 ___>___ 164 163 ___<___ 345 325 ___>___ 234

5 Put the numbers from the chart (in problem 3) in order from least to greatest on the lines below.

108, **119**, **125**, **163**, **234**, **325**, **345**

least greatest

6 **CHALLENGE** How many hot dogs did Sam sell in all? Show your work.

Sam sold a total 1,419 hot dogs. (108 + 119 + 125 + 163 + 234 + 325 + 345 = 1,419) Student work may vary.

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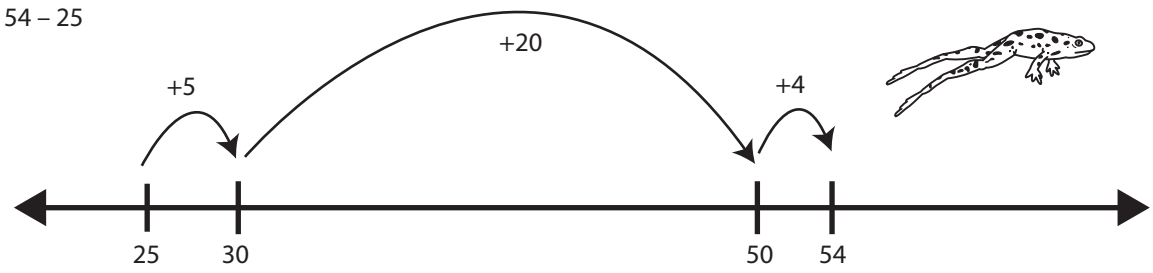
Subtraction & Measuring Practice page 1 of 2

DJ likes to make hops on the number line to solve 2-digit subtraction problems, like this:



5 + 20 + 4 = 29 so 54 – 25 = 29

1 Solve each of the subtraction problems below. You can use DJ's number line strategy or some other way to solve the problem. Show your work each time.

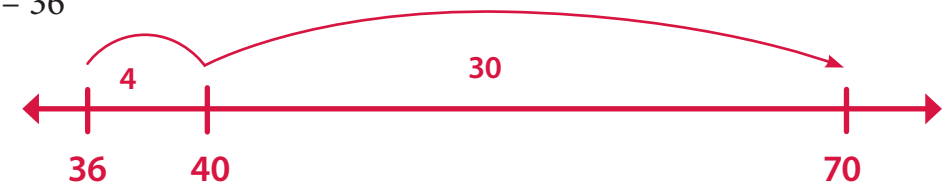
a 56 – 29

Student work may vary.

1 + 20 + 6 = 27 so 56 – 29 = 27

b 70 – 36

Student work may vary.



4 + 30 = 34 so 70 – 36 = 34

c 63 – 19

Student work may vary.

1 + 40 + 3 = 44 so 63 – 19 = 44

(continued on next page)

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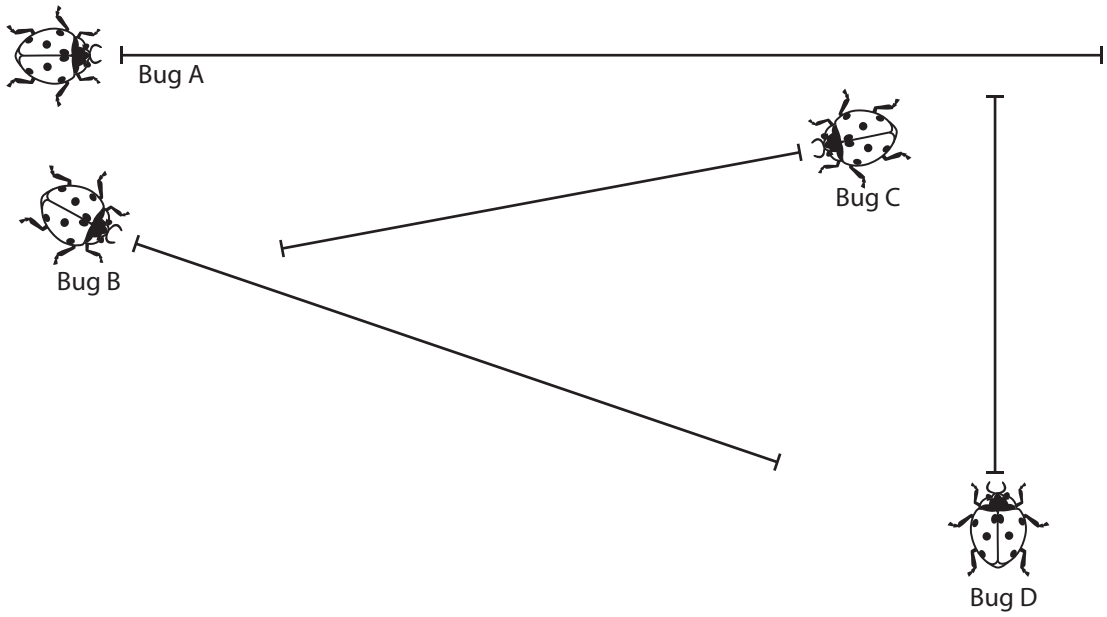
Subtraction & Measuring Practice page 2 of 2

2 Measure the ladybugs' paths below. Use the centimeter side of your ruler. Write the length of each path on the correct line.



Bug A walked 13 cm Bug B walked 9 cm

Bug C walked 7 cm Bug D walked 5 cm

3 Which ladybug has the longest path? (circle one)

Bug A Bug B Bug C Bug D

4 How much longer is Bug A's path than Bug B's path? 4 cm

5 How much shorter is Bug D's path than Bug A's path? 8 cm

6 How far did the 4 ladybugs walk in all? Write an equation to show.

The four ladybugs walked a total of 34 cm.
(13 + 9 + 7 + 5 = 34) Student work may vary.

7 Draw a path from the ladybug to the flower. Measure it with the centimeter side of your ruler.

Student work will vary.

My path is _____ centimeters long.