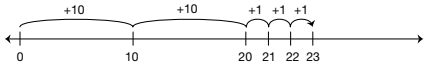


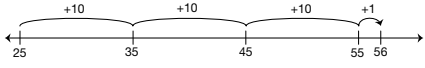
Name _____ Date _____

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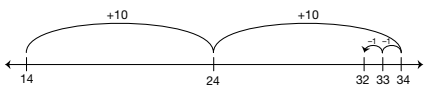
Write number sentences to describe the hops. Use your 200 Chart to check.

A. 

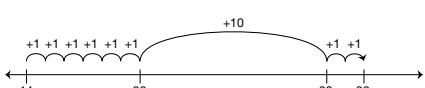
Number sentence _____

B. 

Number sentence _____

C. 

Number sentence _____

D. 

Number sentence _____


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E. Start at 17 and move forward 2 tens.



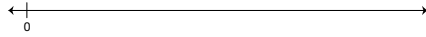
Number sentence _____

F. Start at 17 and move forward 19.




Number sentence _____

G. Start at 0 and move forward 27.



Number sentence _____

H. Start at 20 and move backward 12.



Number sentence _____

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*Answers and/or discussion are included in the lesson.

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Questions A–K**

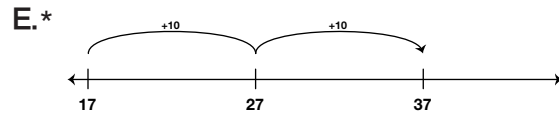
One or two possible responses are shown for each.

A.* $10 + 10 + 1 + 1 + 1 = 23$ or $10 + 10 + 3 = 23$

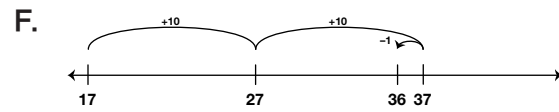
B.* $25 + 10 + 10 + 10 + 1 = 56$

C.* $14 + 10 + 10 - 2 = 32$

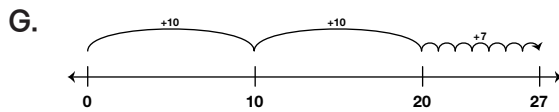
D.* $14 + 6 + 10 + 2 = 32$ or
 $14 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 10 + 1 + 1 = 32$



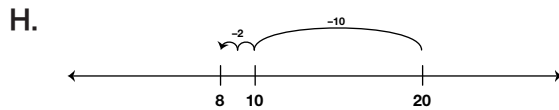
$17 + 10 + 10 = 37$



$17 + 10 + 10 - 1 = 36$



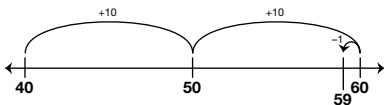
$10 + 10 + 7 = 27$



$20 - 10 - 2 = 8$

I. Possible response: This is a true number sentence because both sides of the equal sign show the same amount. Richard and Mara both showed 53 in different ways.

J.

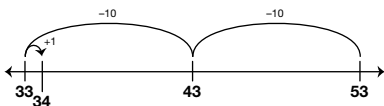


$$40 + 10 + 10 - 1 = 59$$



$$40 + 10 + 9 = 59$$

K. Possible response:




$$53 - 10 - 10 + 1 = 34$$

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✓ **Check-In: Questions I-K**



I. Richard started at 35 and moved forward 18.

A number line starting at 35 and ending at 53. There are tick marks at 35, 45, and 53. A large arrow labeled '+10' goes from 35 to 45. Seven small arrows labeled '+1' go from 45 to 53. Below the number line is the equation: $35 + 10 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = 53$



Mara solved the problem this way:

A number line starting at 35 and ending at 55. There are tick marks at 35, 45, 53, and 55. A large arrow labeled '+10' goes from 35 to 45. A second large arrow labeled '+10' goes from 45 to 55. A small arrow labeled '-1' goes from 55 to 53. Below the number line is the equation: $35 + 10 + 10 - 1 = 53$

Is this a true number sentence:
 $35 + 10 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = 35 + 10 + 10 - 1$?

How do you know?

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J. Start at 40 and move forward 19. Show it two ways.

← | _____ | →
 40
 Number sentence _____

← | _____ | →
 40
 Number sentence _____

K. Start at 53 and move backward 19.

← _____ | →
 53
 Number sentence _____

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