



Add Using the Open Number Line

Addition on the Open Number Line

$32 + 24 = \square$

$\begin{array}{|c|c|} \hline 20 & 4 \\ \hline \end{array}$

To add on the number line, break the number into tens and ones. Then hop the tens and step the ones!

55 53
56
56 54

32 42 52

+10 +10 +1 +1 +1 +1

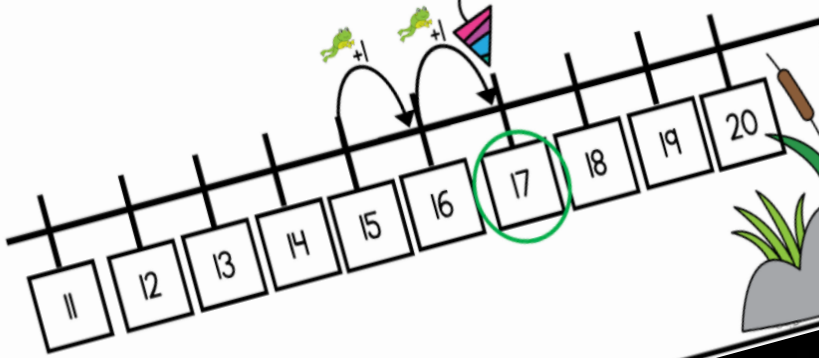
2nd Grade

Digital Lesson & Printable Recording Sheet

Addition on the Number Line

$$15 + 2 = \boxed{17}$$

To add on the number line, start with the bigger number. Then make hops to the right to add on.



The number that you land on is the answer.



Let's Watch!

Learn about adding on the number line.



Number Line



Larger

Number Line Basics

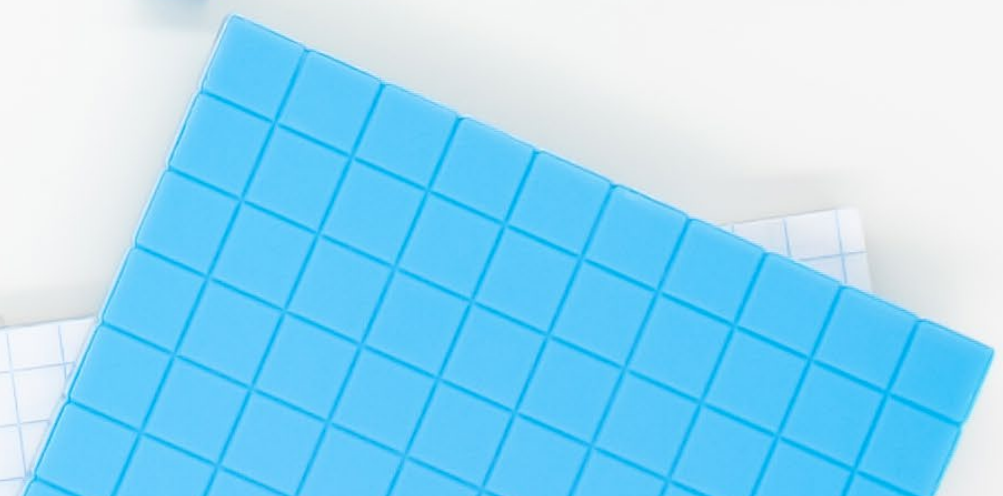


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CENTIMETERS 2 3

20 21 22 23 24 25 26 27

120 130 140 150 160 170 180
0 INCHES
10 20 30 40 50 60



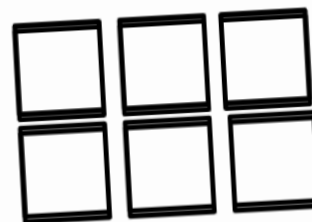
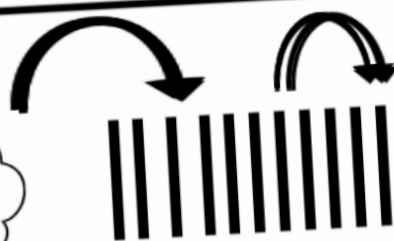
Explore

Drag and drop the boxes on to the number line and then type the numbers to show how to add on an open number line.

$$47 + 13 = \square$$



Do you remember which number to start with?



+1
+10



INCHES 1 2 3 4 5 6

CENTIMETERS 2 3

Explore

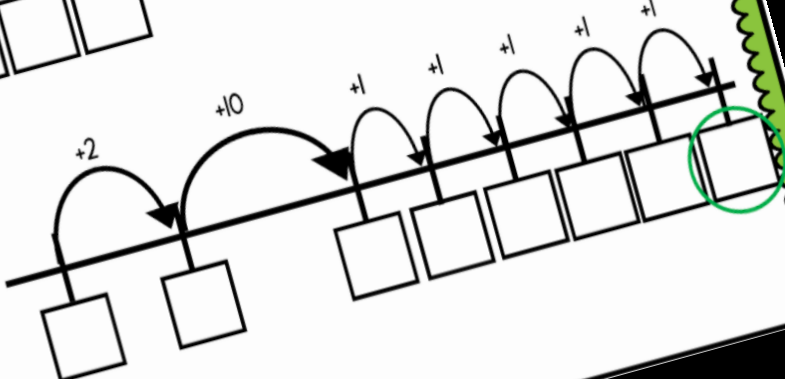
$78 + 17 = \square$



What friendly number can you make?

How many do you need to take from the 2nd number to make the first number friendly?

92 80 90 95
5 10 80 93
78 91 2 94
2

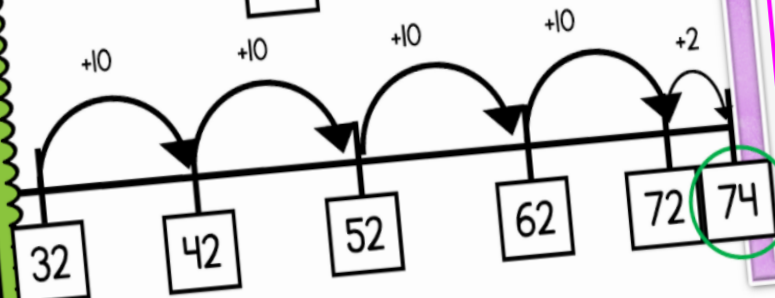


Close & Reflect

Look at this example. What did this student do wrong? Explain their mistake and what they should have done instead to solve the problem.

$$\boxed{32} + \boxed{38} = \boxed{74}$$

40



Name: _____ Date: _____

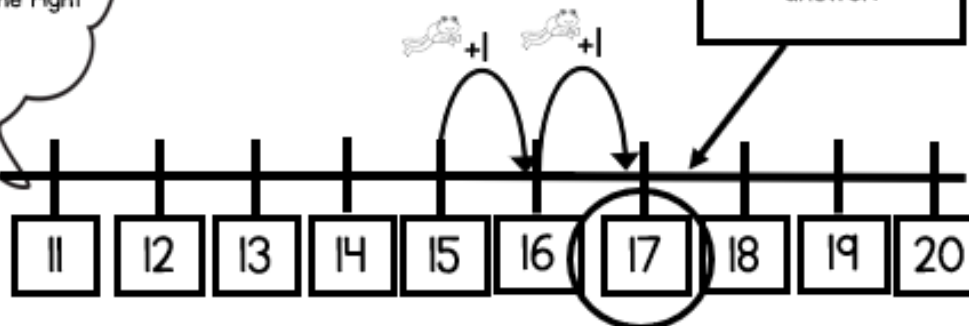
Open Number Line Lesson Recording Sheet: Day 1

Addition on the Open Number Line

To add on the number line, start with the bigger number. Then make hops to the right to add on.

$$15 + 2 = \boxed{17}$$

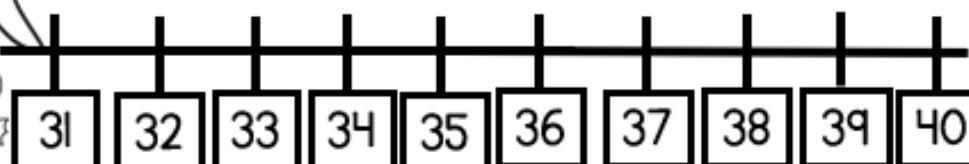
The number that you land on is the answer.



Explore

$$35 + 4 = \boxed{}$$

To add on the number line, start with the bigger number. Then make hops to the right to add on.

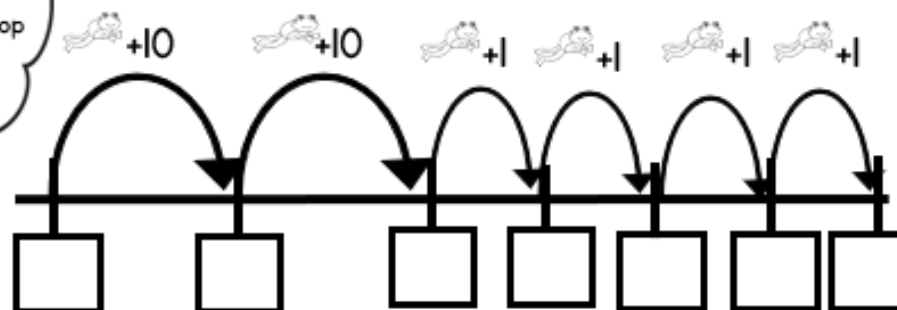


Name: _____ Date: _____

Open Number Line Lesson Recording Sheet: Day 2

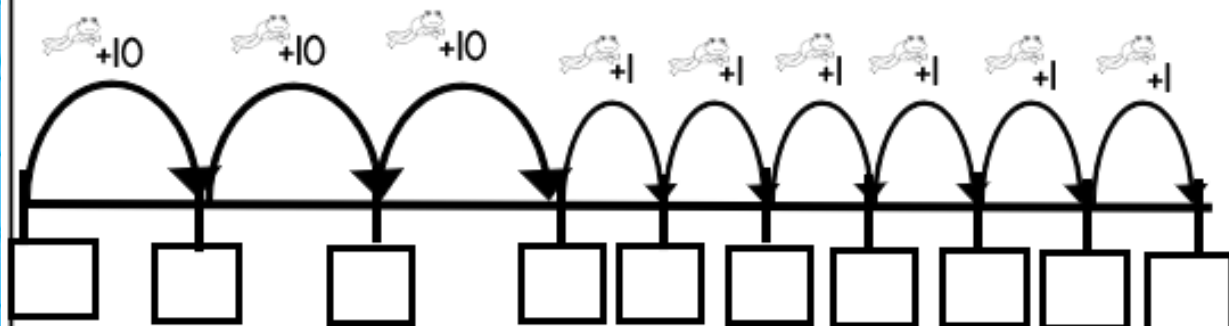
$$32 + 24 = \square$$

To add 2 digit numbers on the number line, break the number into tens and ones. Then hop the tens and step the ones!



Explore: Fill in the numbers in the boxes to show how to add on an open number line.

$$51 + 36 = \square$$



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