

Thinking about addition on the number line can make some problems easier.



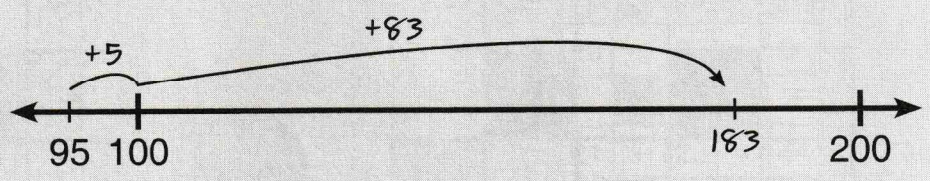
EXAMPLE | Add $95 + 88$.

To add $95 + 88$ on the number line, we start at 95 and move 88 units to the right.

It's easy to add a number to 100. So, we can start by moving 5 units from 95 to 100.

To add a total of 88, we still need to move 83 more units to the right.

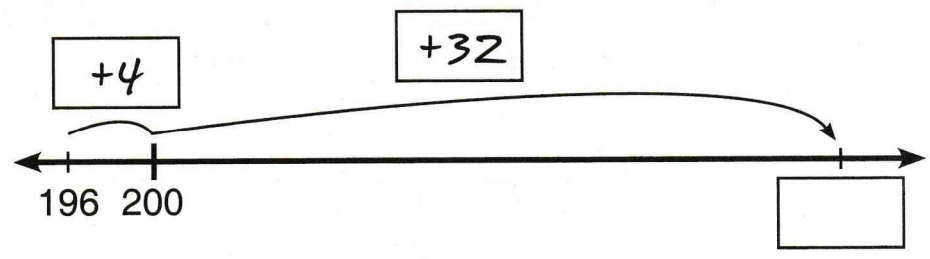
From 100, we move 83 more units to 183.



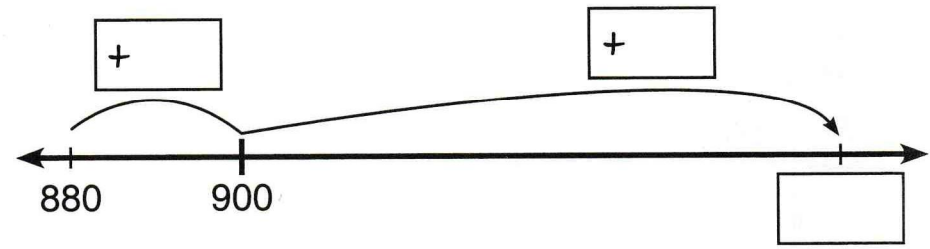
$95 + 88$ is the same as $95 + 5 + 83$.
So, $95 + 88 = 183$.

PRACTICE | Fill the empty blanks on the number lines below to find each sum.

39. $196 + 36$

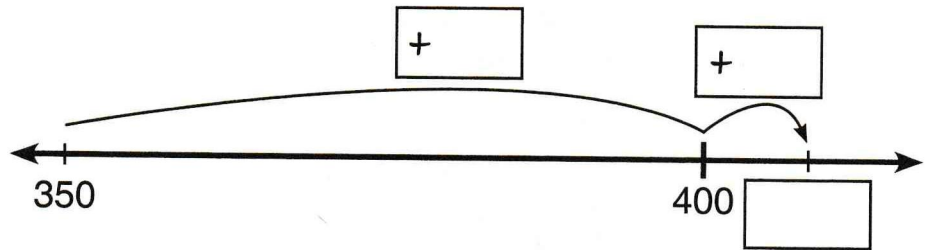


40. $880 + 88$

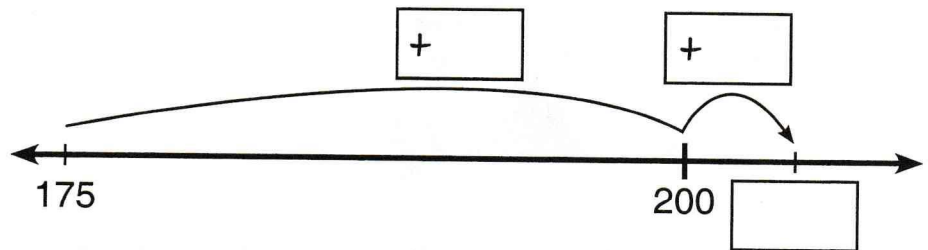


PRACTICE | Fill the empty blanks on the number lines below to find each sum.

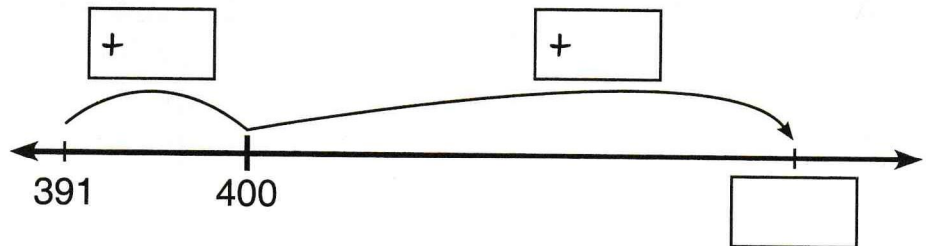
41. $350 + 57$



42. $175 + 29$



43. $391 + 39$



44. $193 + 22 = \underline{\hspace{2cm}}$

45. $496 + 56 = \underline{\hspace{2cm}}$

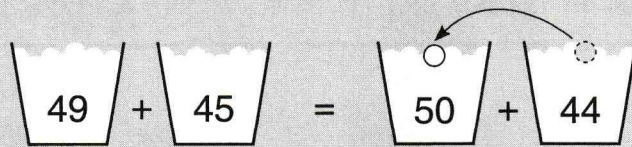
46. $598 + 223 = \underline{\hspace{2cm}}$

EXAMPLE

Igor's basket contains 49 tennis balls. Marjorie's basket contains 45 tennis balls. How many tennis balls are in both baskets?

Moving tennis balls from one basket to the other does not change the total number of balls.

To make the addition easier, we take one ball from Marjorie's basket and put it in Igor's. So, instead of adding $49+45$, we add $50+44$.



So, $49+45 = 50+44 = 94$.

PRACTICE | Fill the blanks to find each sum below.

47. $39+26 = \boxed{40} + \boxed{} = \boxed{}$

48. $290+86 = \boxed{300} + \boxed{} = \boxed{}$

49. $52+128 = \boxed{} + \boxed{130} = \boxed{}$

50. $78+96 = \boxed{} + \boxed{100} = \boxed{}$

51. $393+128 = \boxed{} + \boxed{} = \boxed{}$

52. $595+237 = \boxed{} + \boxed{} = \boxed{}$

PRACTICE | Answer each question below.

53. Marie has two pitchers, with 96 ounces of water in each pitcher. She pours 4 ounces from one pitcher into the other. How many total ounces of water are in the two pitchers? **53.** _____
54. A parking garage has a lower lot and an upper lot. There are 277 cars in the lower lot, and 203 cars in the upper lot. After three cars drive from the upper lot to the lower lot, how many cars are there in the whole garage? **54.** _____
55. A bookcase has two shelves. There are 93 books on the top shelf and 78 books on the bottom shelf. How many books could you **move** from the bottom shelf to the top shelf to make it easier to find the total number of books? **55.** _____
56. Sander has 98 peas on his plate. Ada and Parker each have 101 peas on their plates. What is the total number of peas on all three plates? **56.** _____



When adding, sometimes it's useful to add a little extra, then take the extra away.

EXAMPLE | Add $157 + 98$.

Adding 98 to a number is the same as adding 100, then taking away 2.

$$157 + 98 = 157 + 100 - 2.$$

We have $157 + 100 = 257$, and $257 - 2 = 255$.

So, $157 + 98 = 255$.

PRACTICE | Fill the blanks to answer each question below.

57. Adding 38 to a number is the same as adding 40, then taking away _____.

58. Adding 19 to a number is the same as adding _____, then taking away 1.

59. Adding _____ to a number is the same as adding 100, then taking away 7.

60. $133 + 28 = \boxed{133} + \boxed{30} - \boxed{} = \boxed{}$

61. $216 + 91 = \boxed{216} + \boxed{} - \boxed{9} = \boxed{}$

62. $256 + 95 = \boxed{256} + \boxed{} - \boxed{} = \boxed{}$

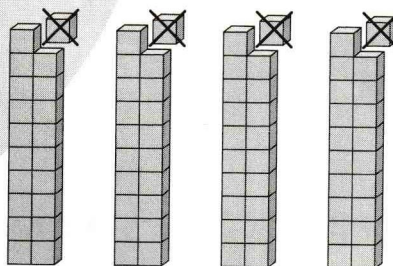
EXAMPLE | Add $19+19+19+19$.

Since 19 is 1 less than 20, the sum of four 19's is 4 less than the sum of four 20's.

So, $19+19+19+19 = 20+20+20+20 - 4$.

Adding $20+20+20+20$ gives 80.

Then, $80 - 4$ gives **76**.



PRACTICE | Fill the blanks to answer each question below.

63. $27+27+27 = \boxed{30} + \boxed{30} + \boxed{30} - \boxed{} = \boxed{}$

64. $99+99+99+99+99 = \boxed{500} - \boxed{} = \boxed{}$

65. $298+299+300 = \boxed{} - \boxed{3} = \boxed{}$

66. $25+24+23+22 = \boxed{100} - \boxed{} = \boxed{}$

67. $9+19+29+39 = \boxed{} - \boxed{4} = \boxed{}$

68. $190+190+190+190 = \boxed{} - \boxed{} = \boxed{}$