ADITION *Easier Sums*

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 $50+44$.

$$49 + 45 = 50 + 44$$

So, $49+45 = 50+44 = \textbf{94}$.

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. _____

ADDITION Adding and Taking Away

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, $157+98 = \mathbf{255}$.

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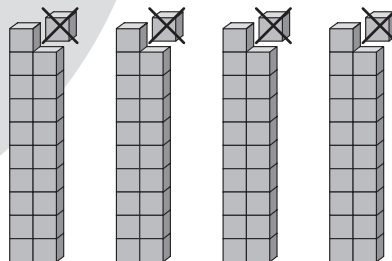
ADDITION

Adding and Taking Away

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