Name : _____ Date : _____

PAPILUMO / 2nd Grade • Answer key

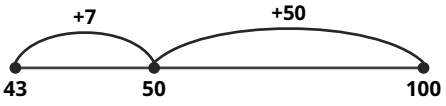
Complements to 100: Missing Addends

Find the missing number to make 100. Use the jump line to hop to the next ten first, then jump all the way to 100.



Theo the Hedgehog is hiking 100-step trails! Hop to the next ten first, then leap to 100 to uncover each missing addend.

Example: 43 + [ ] = 100



43 + 7 = 50 | 50 + 50 = 100

Total: 7 + 50 = +57

Part 1: Multiples-of-10 warmups (4 missing-addend trails)

#1 30 + **70** = 100

30 + 70 = 100

#2 **40** + 60 = 100

60 + 40 = 100

#3 80 + **20** = 100

80 + 20 = 100

#4 **90** + 10 = 100

10 + 90 = 100

Part 2: Two-digit complements to 100 (jump to the next ten, then to 100)

#5 24 + **76** = 100



24 + 6 = 30 ; 30 + 70 = 100 (6 + 70 = 76)

#6 **42** + 58 = 100



58 + 2 = 60 ; 60 + 40 = 100 (2 + 40 = 42)

#7 71 + **29** = 100



71 + 9 = 80 ; 80 + 20 = 100 (9 + 20 = 29)

#8 **84** + 16 = 100



16 + 4 = 20 ; 20 + 80 = 100 (4 + 80 = 84)

#9 35 + **65** = 100



35 + 5 = 40 ; 40 + 60 = 100 (5 + 60 = 65)

#10 **38** + 62 = 100



62 + 8 = 70 ; 70 + 30 = 100 (8 + 30 = 38)

#11 49 + **51** = 100



49 + 1 = 50 ; 50 + 50 = 100 (1 + 50 = 51)

#12 **17** + 83 = 100



83 + 7 = 90 ; 90 + 10 = 100 (7 + 10 = 17)

Theo's tip: pair the ones digit to make 10 and the remaining tens to make 90 so the total always equals 100!