

Adding 10, 11, 20 and 21

Sheet 1

Use a 1 - 100 grid or bead string to help you solve these problems.

a) $13 + 10 =$

b) $27 + 10 =$

c) $78 + 10 =$

d) $45 + 11 =$

e) $62 + 11 =$

f) $39 + 11 =$

g) $32 + 20 =$

h) $61 + 20 =$

i) $44 + 20 =$

j) $56 + 21 =$

k) $79 + 21 =$

l) $25 + 21 =$

Challenge

If you start at the number 1, how many times can you add the number 11 before you get to 100?

Problem solving

Sheet 2

Solve these riddles.

- 1) I'm thinking of a number, I add 11 and get 44.
What is my number?
Write the number sentence for my riddle.
- 2) I'm thinking of a number, I add 11 and get 75.
What is my number?
Write the number sentence for my riddle.
- 3) I'm thinking of a number, I add 11 and get 59.
What is my number?
Write the number sentence for my riddle.
- 4) I'm thinking of a number, I add 21 and get 37.
What is my number?
Write the number sentence for my riddle.
- 5) I'm thinking of a number, I add 21 and get 49.
What is my number?
Write the number sentence for my riddle.

Challenge

Can you write your own riddle for a friend to solve?
Talk through their answer with them.