A Book About me

" 😐 "

by Frederique

Design by
Steven Sims

I am an <u>even</u> number.

Could I be 19? _____

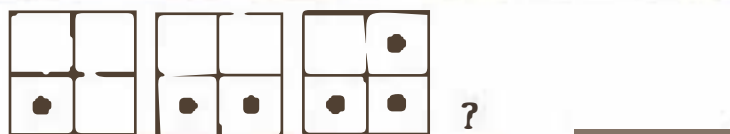Could I be 26? _____

Could I be 38? _____
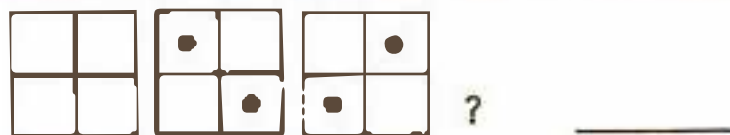
Could I be 101? _____

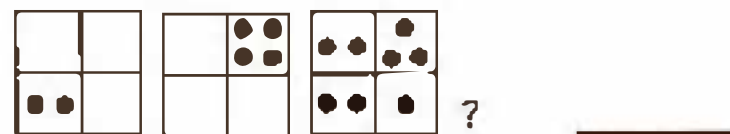Could I be 100? _____

Could I be ? _____

Could I be ? _____

Could I be ? _____

I am even.
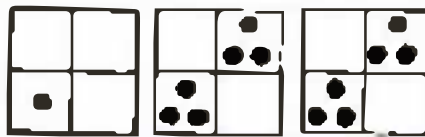
I am larger than 20.

Could I be 25? _____

Could I be 18? _____

Could I be 200? _____

Could I be 75? _____

Could I be ? _____

Could I be ? _____

I am even.

I am larger than 20.

I can be put on the Minicomputer with exactly two
positive checkers.

Could I be 24?

Could I be 80?

Could I be 86?

Could I be 100?

Could I be 101?

Could I be 14?
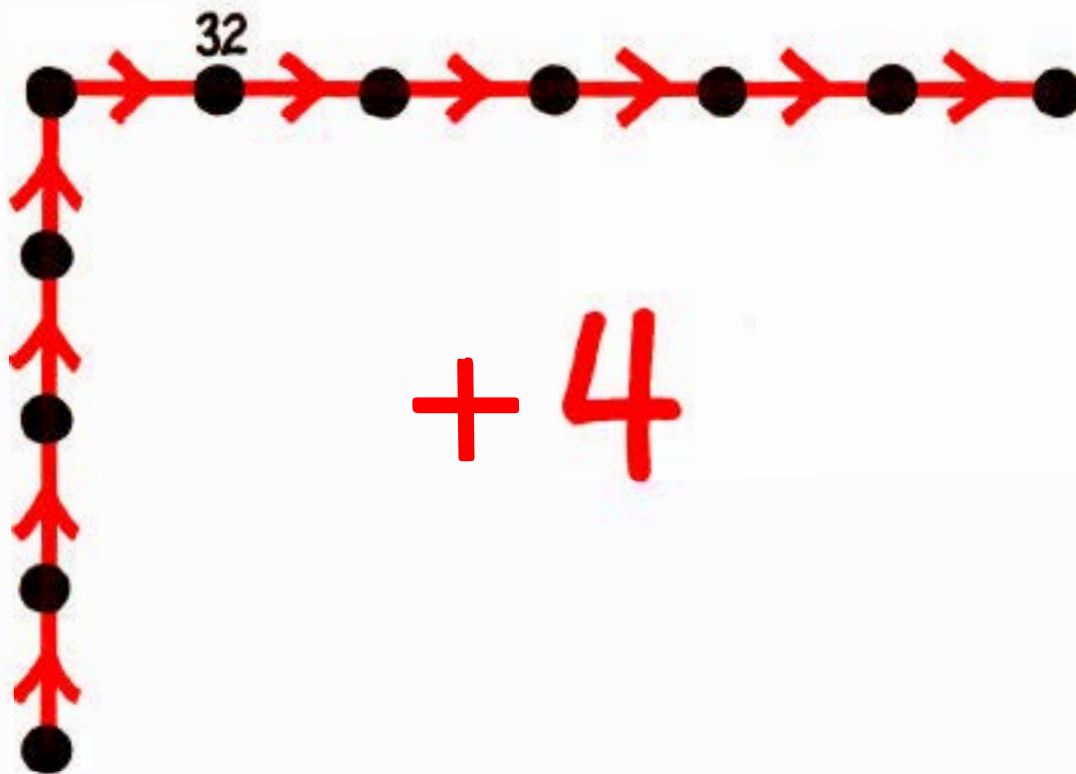
Could I be 1,080?

4

I am even.

I am larger than 20.

I can be put on the Minicomputer with exactly two positive checkers.

I am one of these dots.

32

+4

Therefore, I must be _____ or _____ or _____ or _____ or _____ .

You already know that I must be

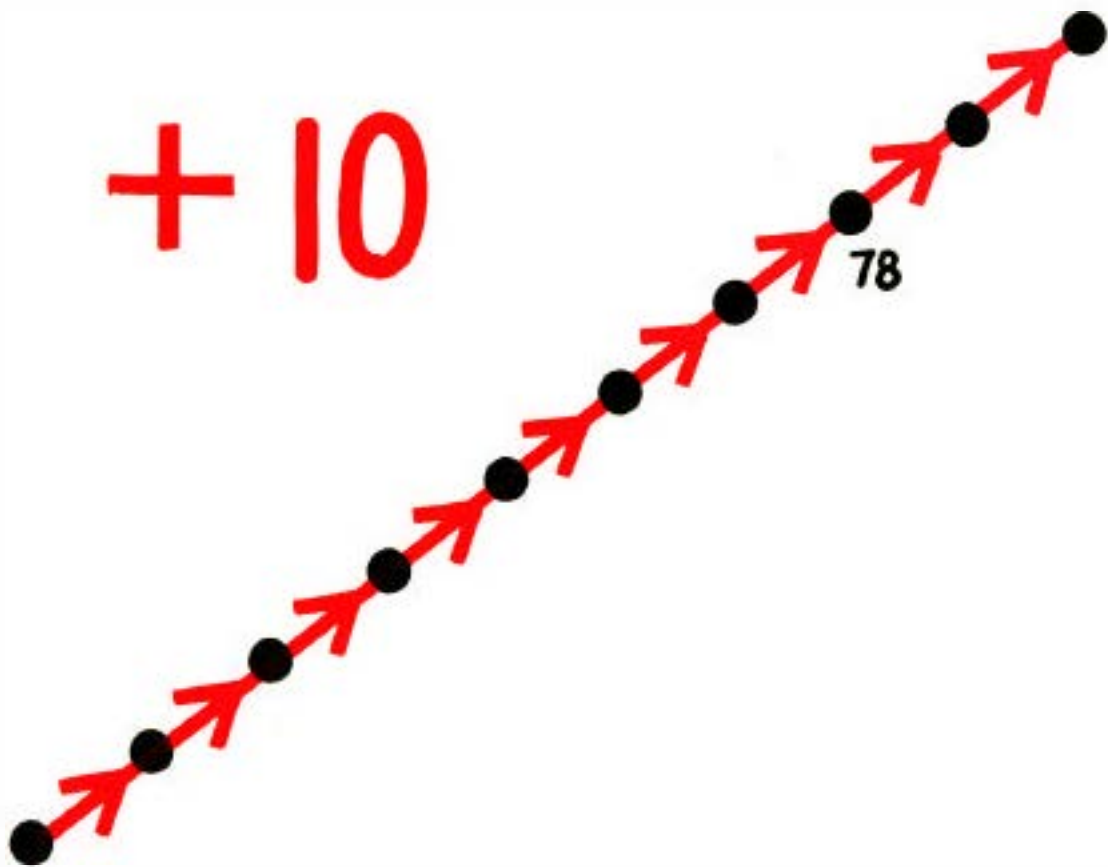___ or ____ or _____ or ___ or ____ .

My double is larger than 50.

Therefore I must be _____ or ___ or ___ or _____.

You already know that I must be

_____ or _____ or _____ or _____.

I am one of these dots.

$+10$

78

Therefore I must be _____ or _____.

You already know that I must be

_____ or _____ .

2×

me

This number is smaller than 10.
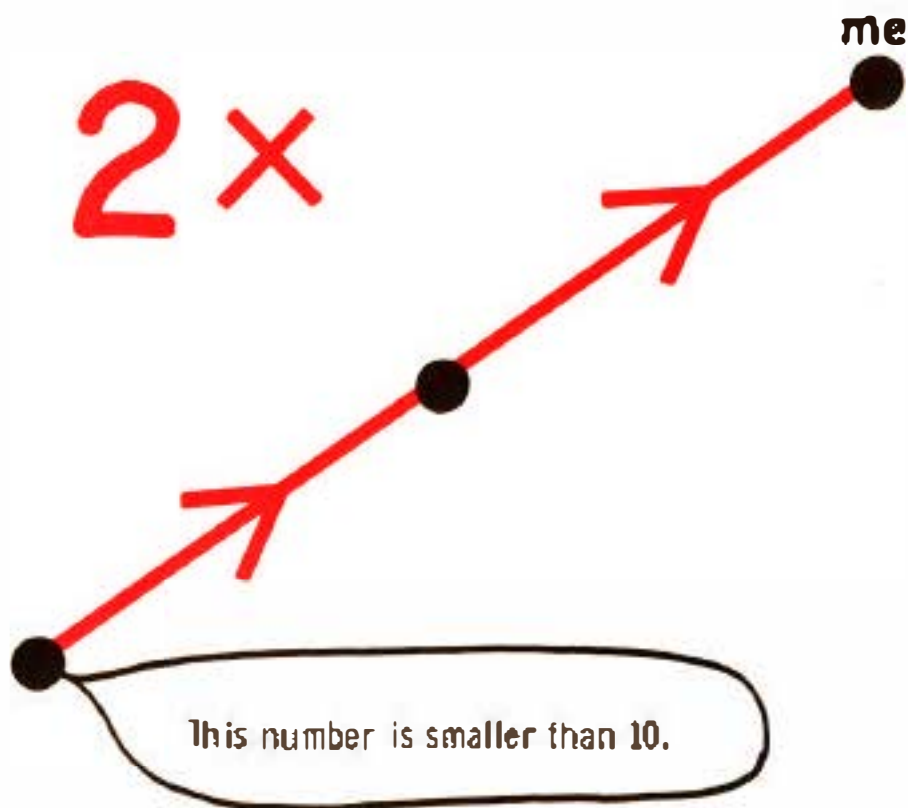
Therefore I am _____ .

My best friend is a multiple of 3.

Could he be 20? _____

Could he be 15? _____

Could he be 20 + 15? _____

Could he be 3 x 59? _____

Could he be 47 x 3? _____

Could he be 12 ? _____

Could he be 120? _____

Could he be 1,200 ? _____

Could he be 121? _____

Could he be 122? _____

Could he be 123? _____

My best friend is a multiple of 3
and a multiple of 5.

Could he be 25? _____

Could he be 21? _____

Could he be 30? _____

Could he be 300? _____

Could he be 3 x 5? _____

Could he be 3 x 5 x 7? _____

Could he be 55? _____

Could he be 65? _____

Could he be 75? _____

Could he be 105? _____

My best friend is a multiple of 3
and a multiple of 5.

He is an odd number.

He could be

_____ ; _____ ; _____ ; _____ ; _____ ; ... and so on.

He could not be

_____ ; _____ ; _____ ; _____ ; _____ ; ... and so on.

My best friend is a multiple of 3
and a multiple of 5.

He is an odd number.

He is one of these dots.

105

+15

Therefore he must be

_____ or _____ or _____ or _____ or _____.

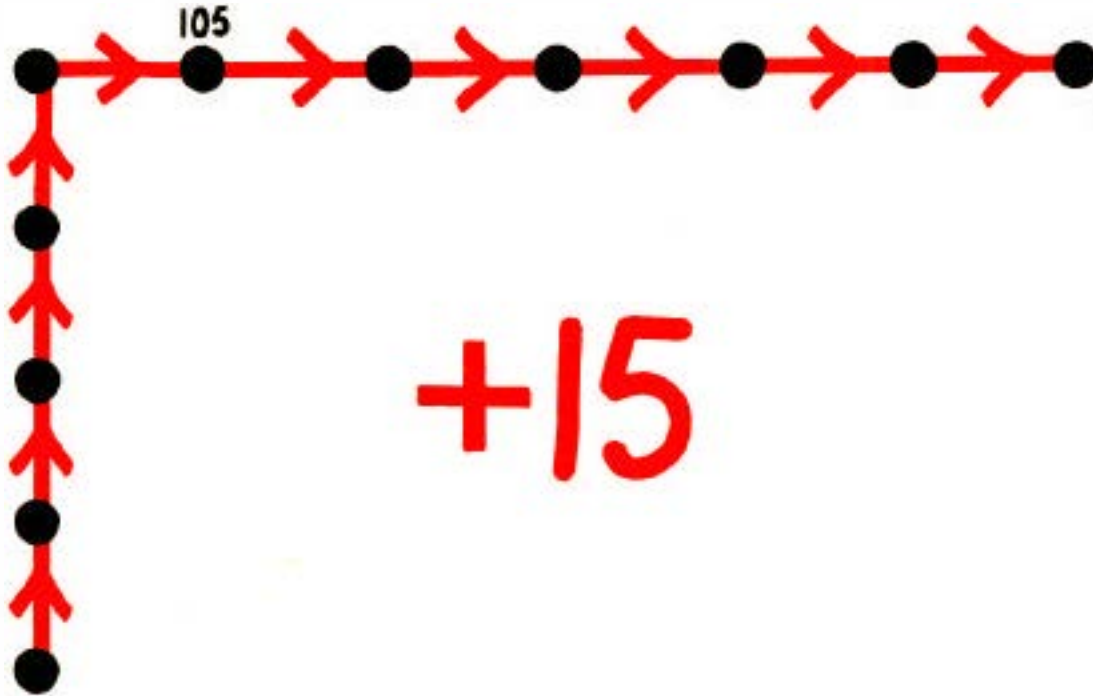You already know that my best friend must be

_____ or _____ or _____ or _____ or _____ .

His double is between 100 and 300.

Therefore he must be _____ or _____ or _____ .

You already know that my best friend must be

_____ or _____ or _____ .

His name can be written using all of these symbols, each of them only once.

5   7

X   +

)   8   (

Therefore my best friend is _____ .

me
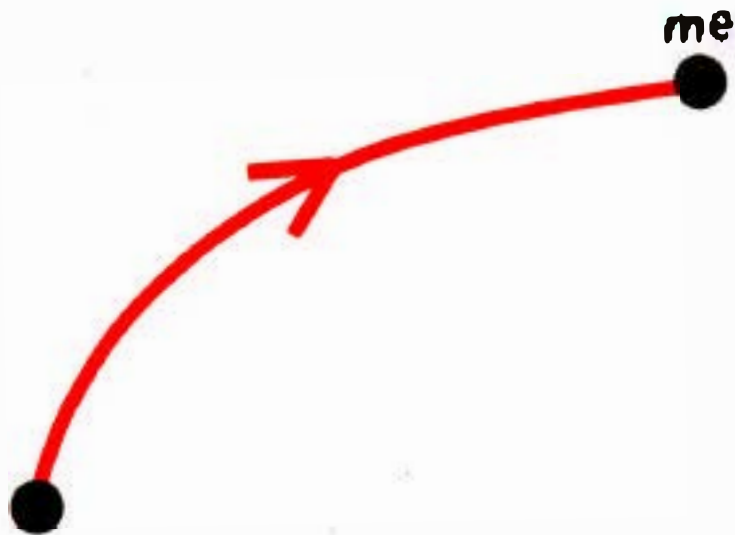
My best friend

What could this red arrow be for?
Write your answer above.

"A Book About Me" is actually two detective stories in one, the first part
concerned with identifying the narrator and the second with finding a special
friend. These two friends are whole numbers. In each section, the narrator
gives clues which lead students to broaden their knowledge about certain
properties of numbers and relations between numbers. Valuable allies in this
task are the nonverbal languages of Papy's Minicomputer and of arrows, cer-
tain numerical properties and symbols. As the clues build, one upon the other,
readers become involved in the exciting task of narrowing the number of "pos-
sible suspects" until the "guilty one" is apprehended in each case.

Clare and Cille

The CSMP Library

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A BOOK ABOUT ME

A series of story-workbooks providing fanciful excursions in the colorful world of mathematics for all young people, their teachers and their parents, actively involving them in the acquisition of new mathematical insights.