



Rotom's Pokédex Rectangle



COMPLETE TO COLLECT

Polished Quartz

Level 3 • 5 Glints

A Pokédex is an electronic guide to Pokémon. Rotom's screen shows a 1–100 number chart: 1–10 in the first row, 11–20 in the second, and so on. You do not need to know the characters; their names label the four corners of a rectangle whose sides follow chart rows and columns. Eevee and Squirtle label opposite corners. Their hidden numbers add to 69.

ROTOM SCAN • NUMBERS HIDDEN

1	2	...	9	10
11	12	...	19	20

→ Right 1 square:
add 1

↓ Down 1 row:
add 10

E Eevee

P Pikachu

C Charmander

S Squirtle

Every rectangle uses four different corners.

YOUR CHALLENGE

What is the total of all four hidden numbers? Explain why your total is forced for every possible rectangle, not just the one pictured.

SHOW YOUR ANSWER Use an equation and the chart's structure. You do not need to find each hidden number. On separate paper, write the total, one equation, and the reason it works for every rectangle.

