



The Necklace Code



COMPLETE TO COLLECT
Polished Moonstone
Level 2 · 3 Glints

A jeweler makes a necklace by repeating the same four-jewel pattern: **ruby, sapphire, sapphire, emerald**.

The first jewel is a ruby. The jeweler stops after placing **19 jewels**.



The repeating jewel pattern becomes a necklace.



1



2



3



4

repeat ↺

position 19 = ?

YOUR CHALLENGE

1. What kind of jewel is in position 19?
2. How many rubies, sapphires, and emeralds are in the necklace?

SHOW YOUR ANSWER

On separate paper, name jewel 19, count each jewel type, and show how the four-jewel repeat gives your answer.

