

Problem of the Week #7
Candles on a Cake

The candles on Jamie's birthday cake are in a **growing** pattern. The pattern is:

red,

red, orange;

red, orange, yellow;

red, orange, yellow, green;

The pattern continues and adds a blue
and then a purple.



If this pattern ends with 1 purple candle, how many total candles are on Jamie's cake?

How old is Jamie?

Show your work with pictures, numbers and words.

Name: _____ Class: _____

(First and last name, please. Due 12/5/24)