

**Problem of the Week # 6**  
**Candles on a Cake**



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

red,  
red, orange,  
red, orange, yellow,  
red, orange, yellow, green.

The pattern continues to grow, adding blue and purple.

**How many TOTAL candles are on Jamie's birthday cake?**

**Show your work and justify your thinking below.**

**NAME:** \_\_\_\_\_

**CLASSROOM:** \_\_\_\_\_

*Return your solution to your teacher or the red solutions boxes by Thursday, March 4, 2021*

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