Part 3 **Sum Patterns**

1. Add to find the outside numbers. Write number sentences.

[Flower diagram with center 10, inner petals 8, 7, 6, 9, 10, outer petal 18]
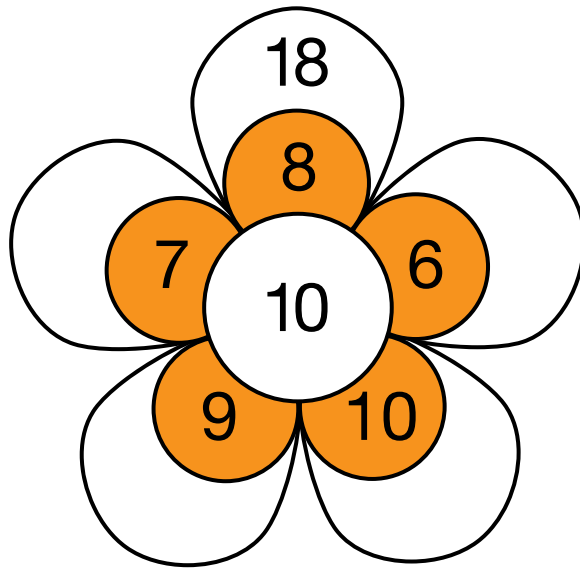
$$10 + 8 = 18$$

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2. Add to find the outside numbers. Write number sentences.

[Flower diagram with center 9, inner petals 8, 7, 6, 9, 10]
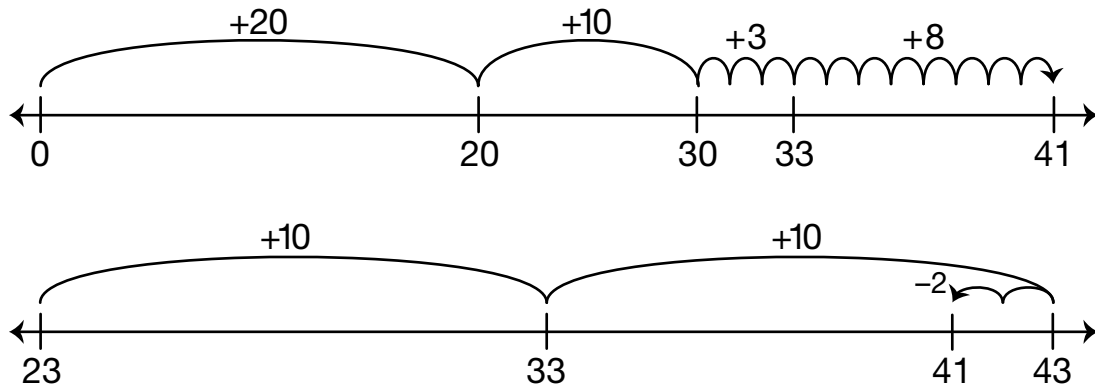
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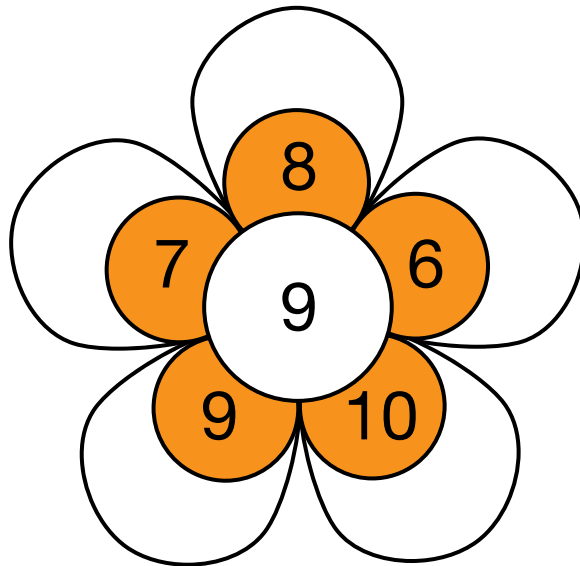
3. Read and discuss these questions with a family member. Look at the two flowers. What is the same about them? What is different? What pattern do you see in the outside petals?
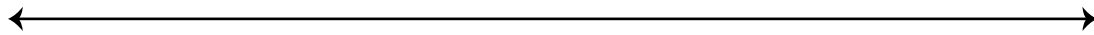
Part 4 Base-Ten Hoppers

Show how the base-ten hopper can add these numbers on the number line. Remember, the base-ten hopper can hop forward and backward and makes hops of only one or ten at a time. The example shows you two different ways.
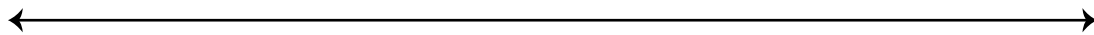
Example: 23 + 18

A. 15 + 15

B. 39 + 11

C. 42 + 49