

# Year 2

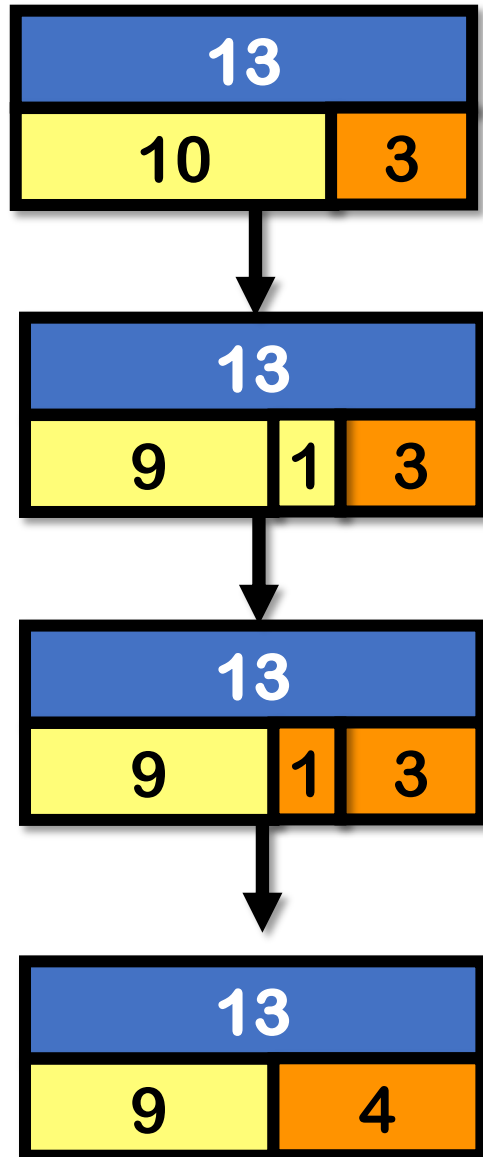
**Additive Fluency 2 – Numbers within 20**

**Week 10**

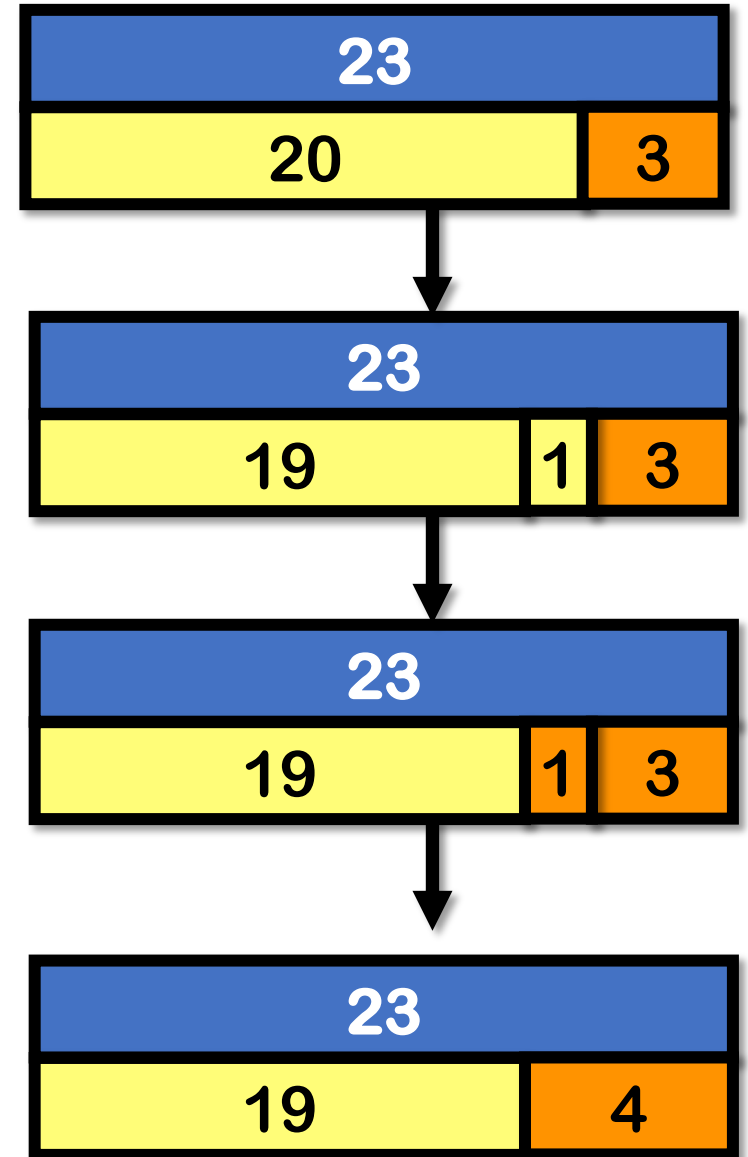
**Understanding Number 13**

# Bridging 10

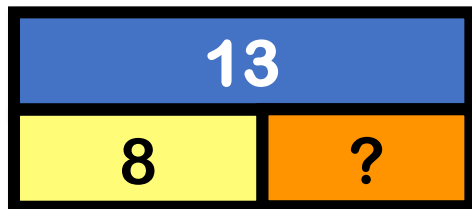
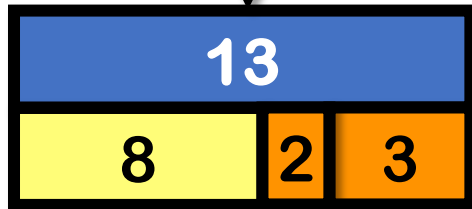
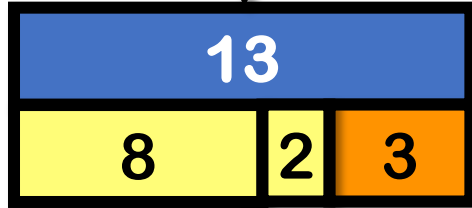
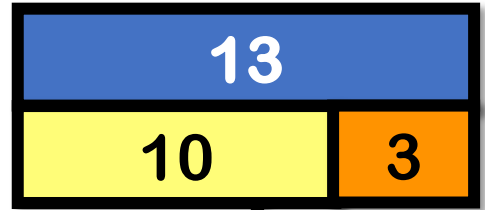
Explain the thinking



So, if I know  
 $9 + 4 = 13$ ,  
I also know  
 $19 + \dots$

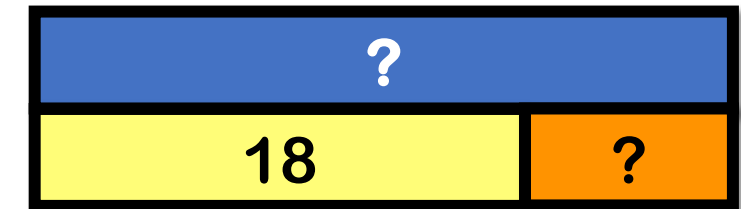
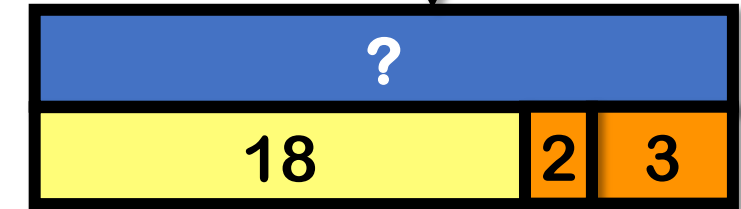
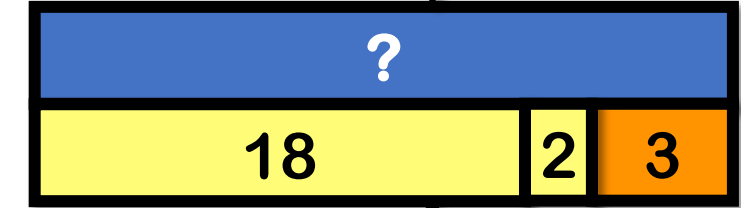
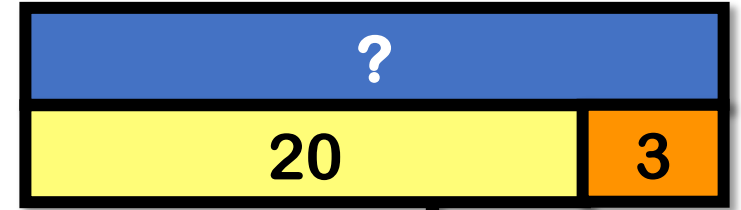


# Bridging 10

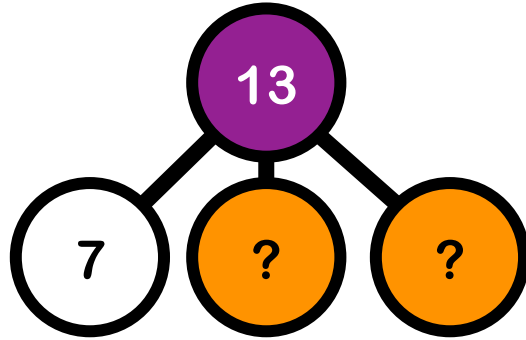
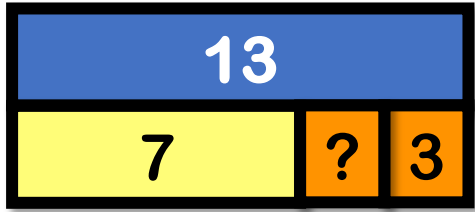


Complete the thinking

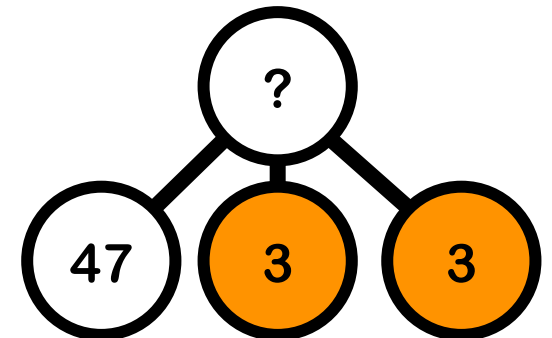
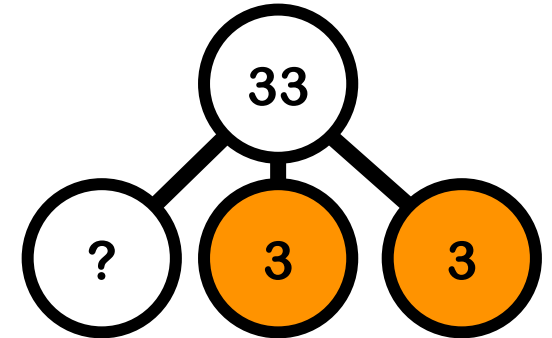
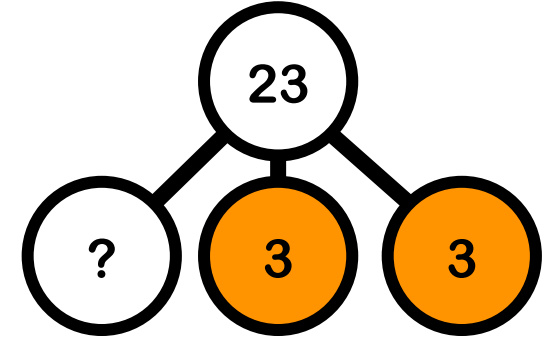
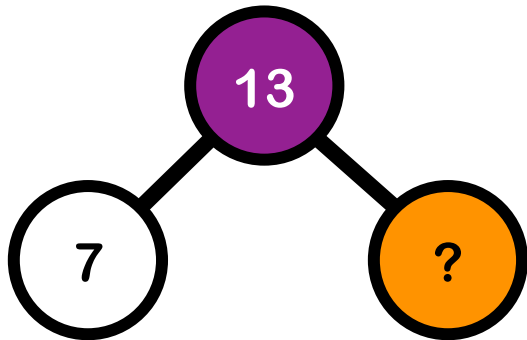
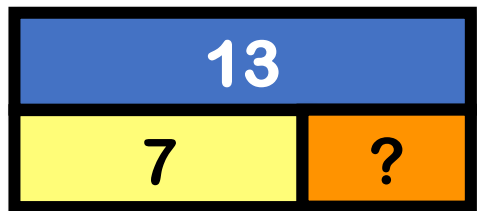
So, if I know...



# Bridging 10



Use the number  
bonds to find as  
many additions as  
you can



# 13 is 10 and ...

$$13 = 11 + \text{blue circle}$$

$$13 = 1 + \text{yellow pentagon}$$

$$13 - \text{cloud} = 2$$

$$13 - 1 = \text{cloud}$$



What is missing from  
each calculation?

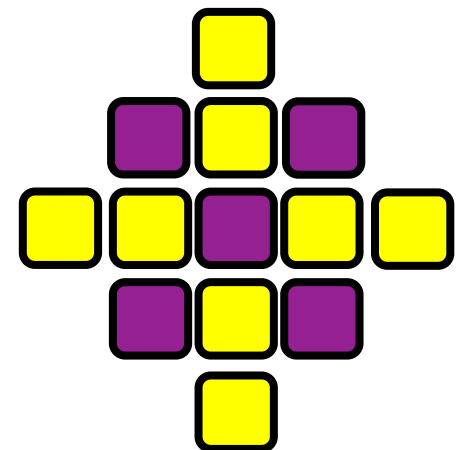
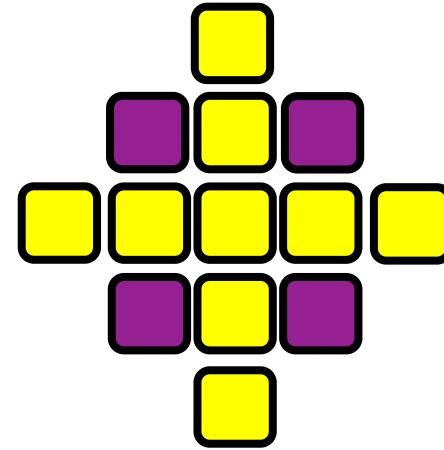
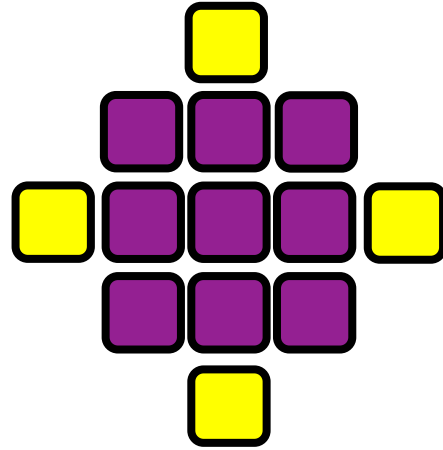
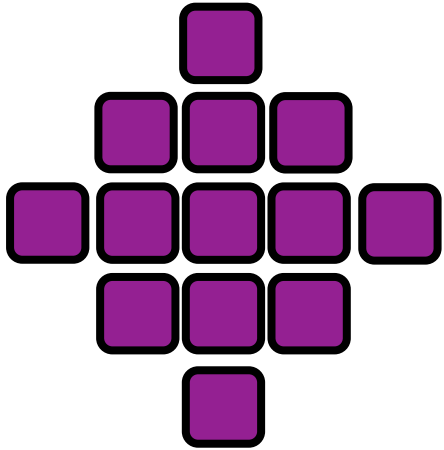
$$13 = 12 + \text{green hexagon}$$

$$13 = 2 + \text{red heart}$$

$$\text{cloud} - 11 = 2$$

$$13 - \text{cloud} = 12$$

# Patterns



13 has some  
interesting  
patterns

Describe the whole  
shape.

Describe the  
colour patterns.

Invent your own.