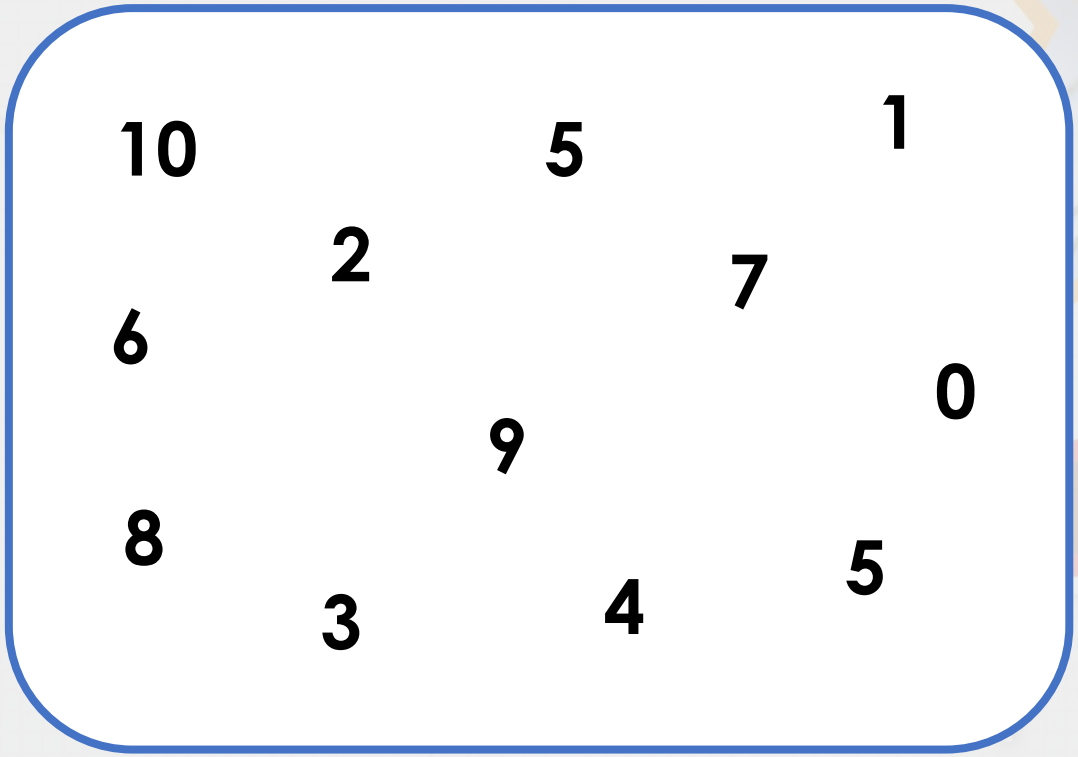
Step 3: Add by Making 10

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Introduction

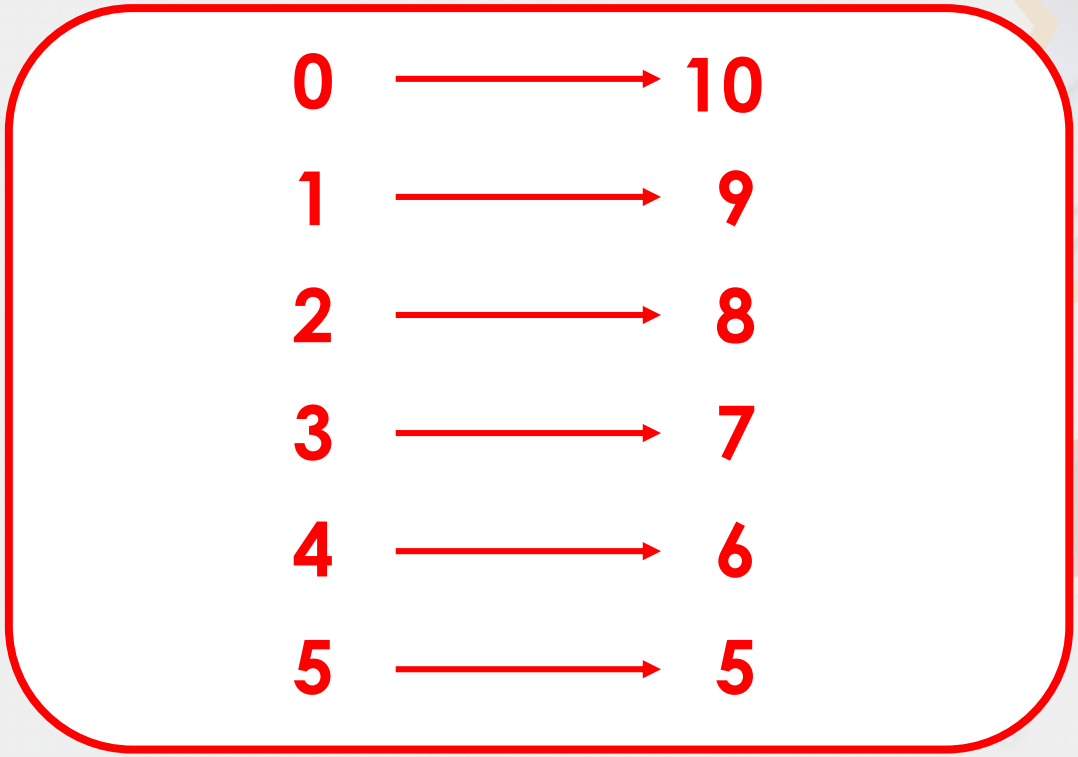
Match the numbers that bond to make 10.



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Introduction

Match the numbers that bond to make 10.

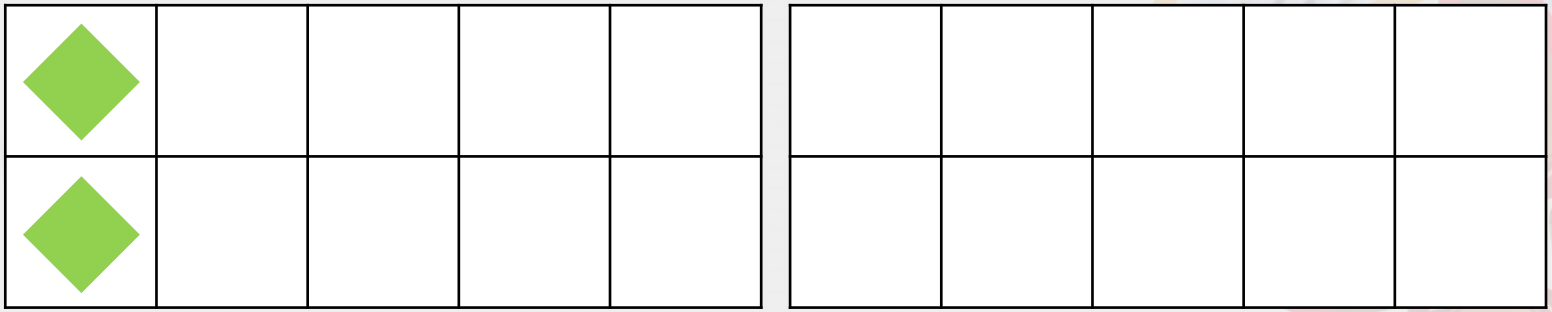


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Varied Fluency 1

Complete the calculation and ten frame below.

$$4 + 8 = \square$$

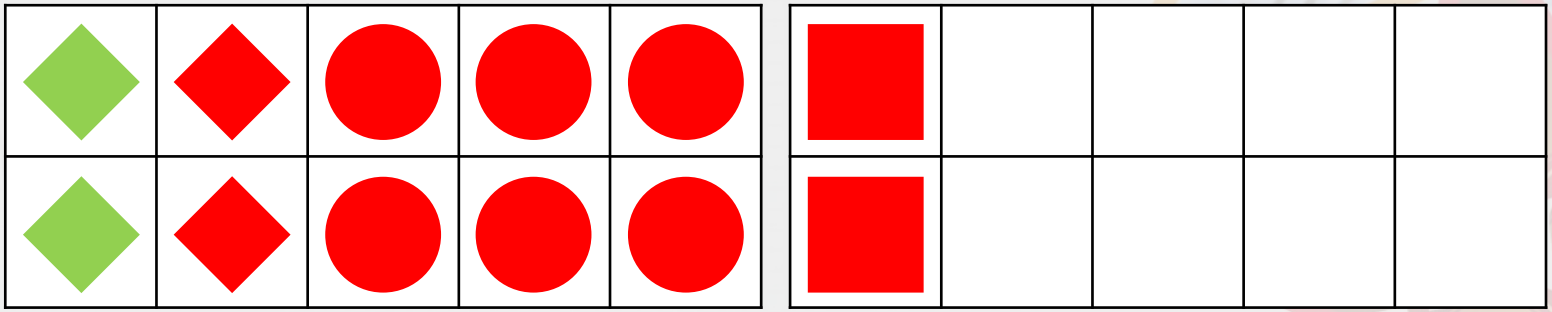


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Varied Fluency 1

Complete the calculation and ten frame below.

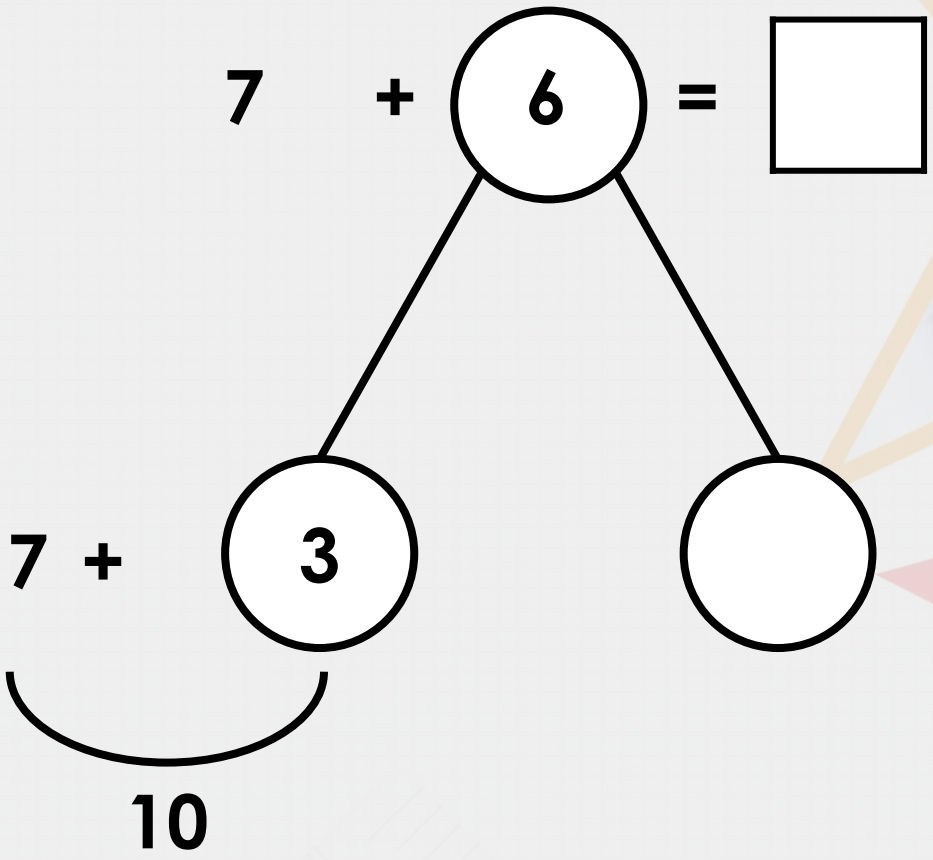
$$4 + 8 = \boxed{12}$$



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Varied Fluency 2

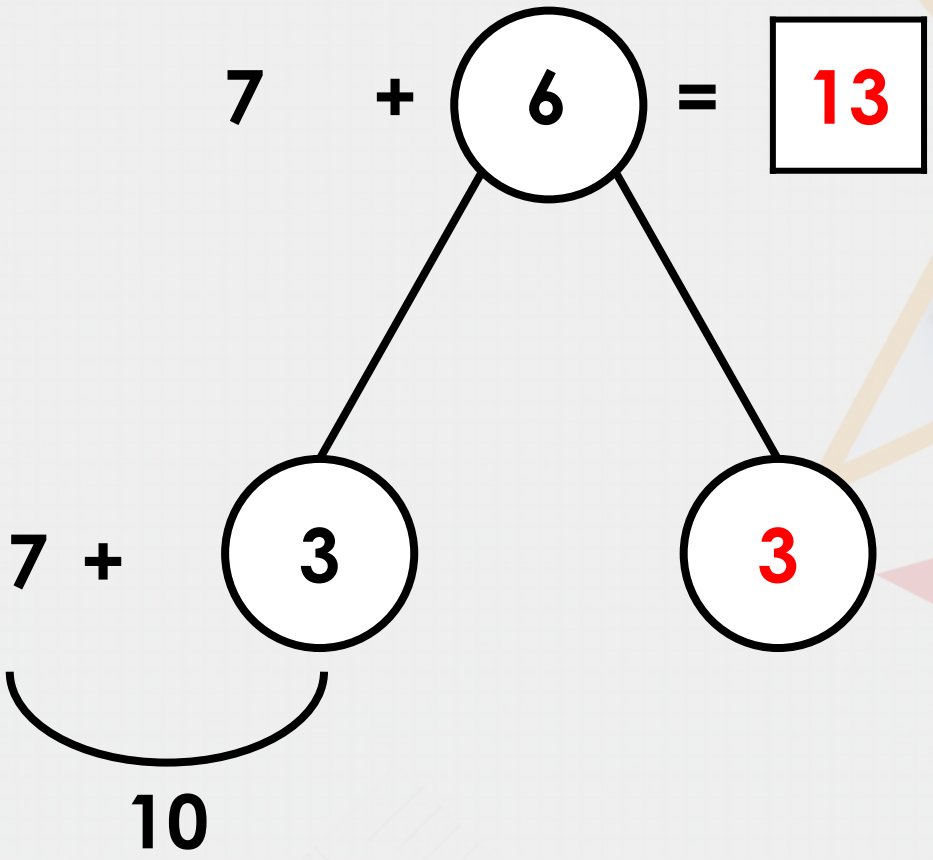
Use the part-whole model to solve this calculation.



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Varied Fluency 2

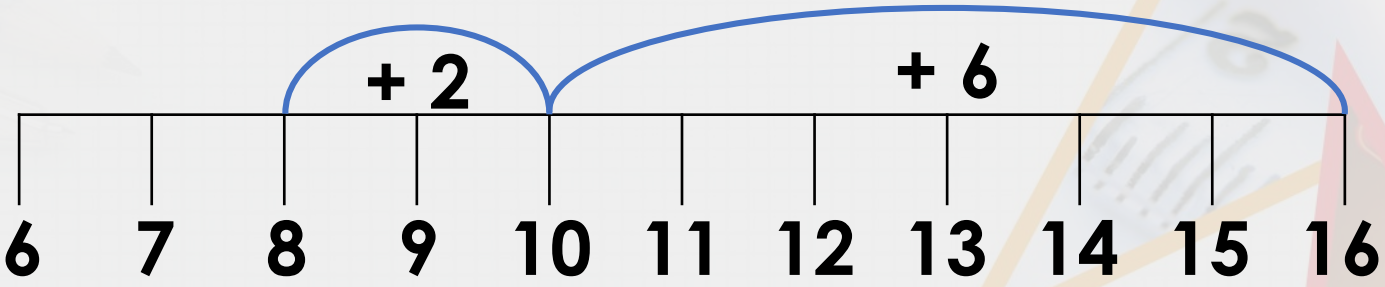
Use the part-whole model to solve this calculation.



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Varied Fluency 3

Tick the calculation that matches the number track.



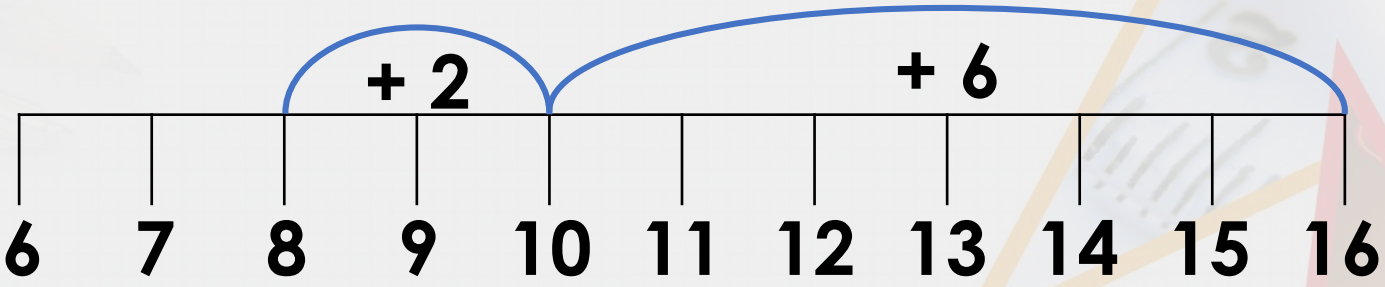
8 + 8 ☐

8 + 2 ☐

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Varied Fluency 3

Tick the calculation that matches the number track.



8 + 8 ✓

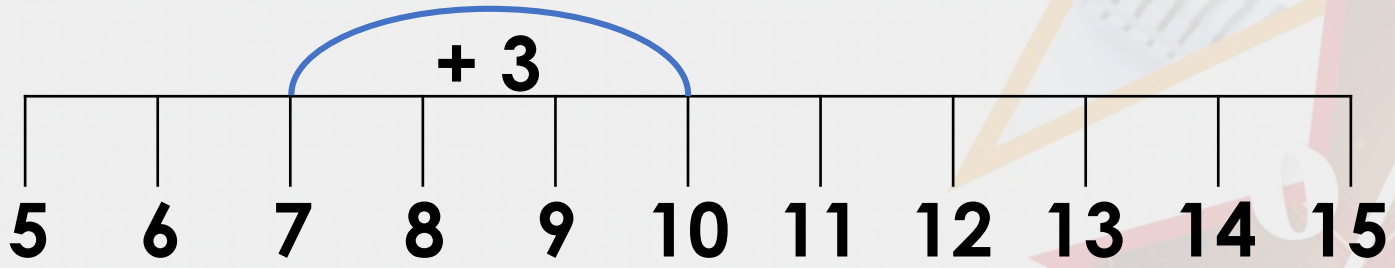
8 + 2

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Varied Fluency 4

Complete the number line to show the calculation.

$$7 + 8 = \square$$

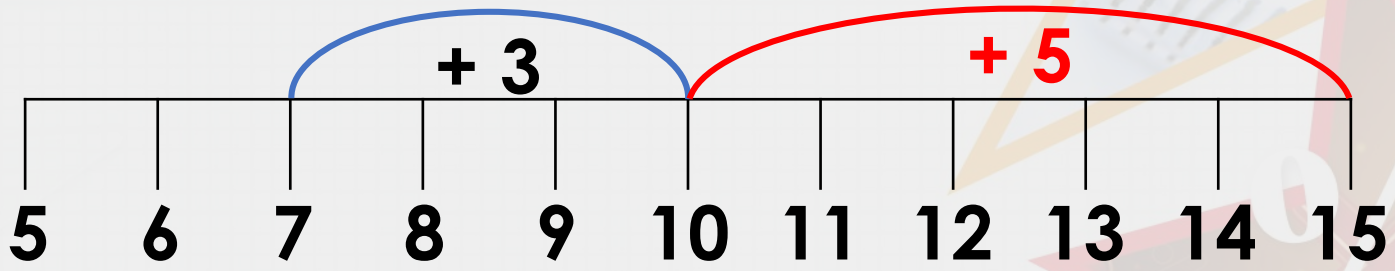


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Varied Fluency 4

Complete the number line to show the calculation.

$$7 + 8 = \boxed{15}$$



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Problem Solving 1

Choose a digit card to complete the number sentence below.

5	3	7	2

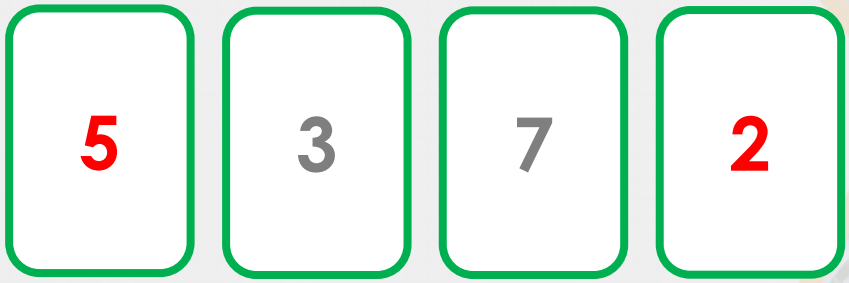
$5 + \square + 2 = 12$

$8 + \square + 7 = 17$

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Problem Solving 1

Choose a digit card to complete the number sentence below.



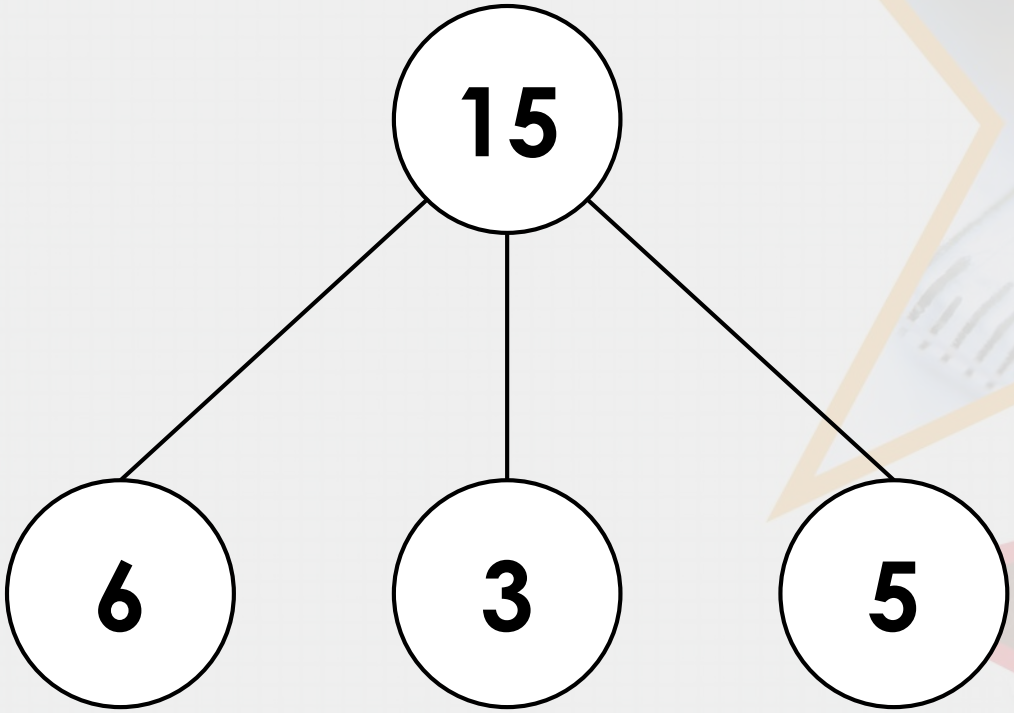
5 + 5 + 2 = 12

8 + 2 + 7 = 17

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Reasoning 1

Craig is using the part-whole model to calculate 6 + 8 by making 10.

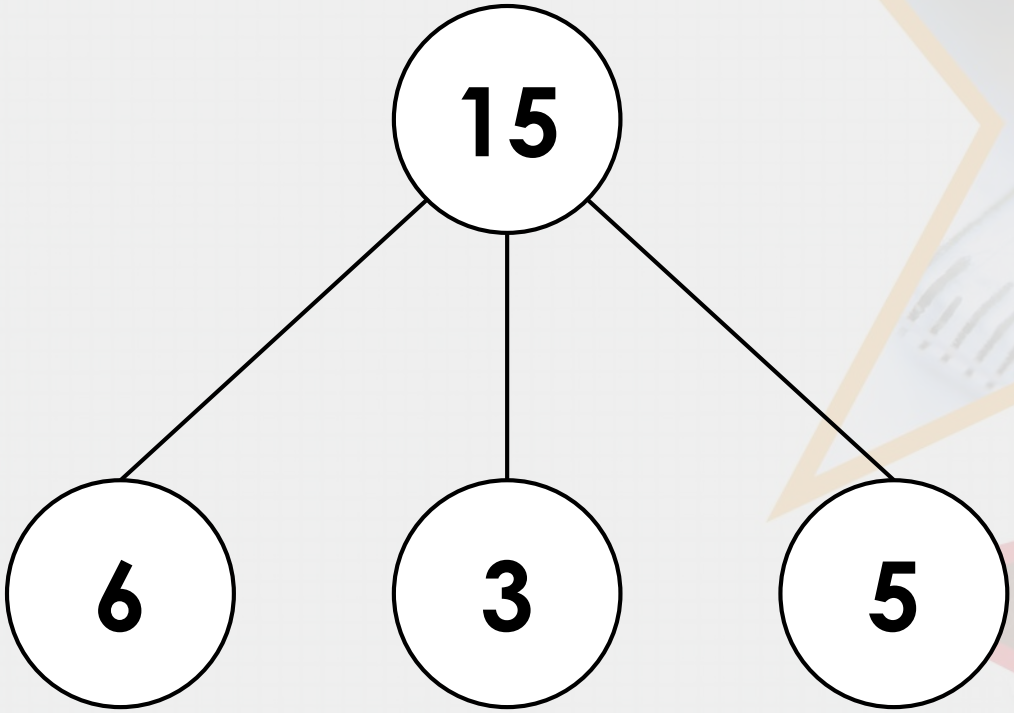


Is he correct? Explain why.

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Reasoning 1

Craig is using the part-whole model to calculate 6 + 8 by making 10.



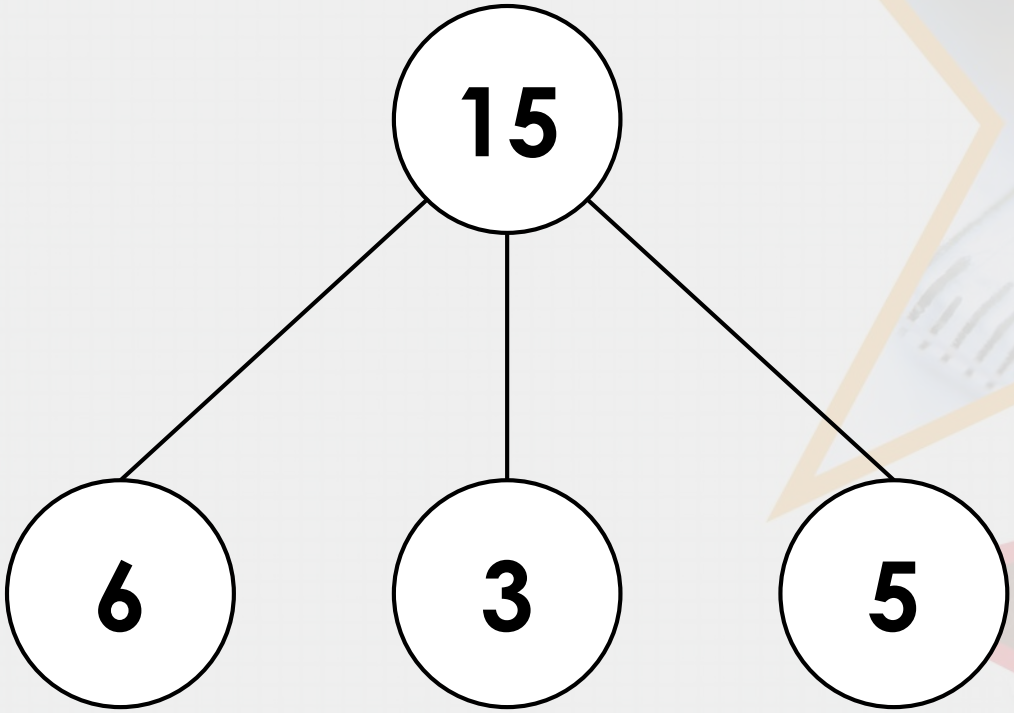
Is he correct? Explain why.

No, Craig is incorrect because…

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Reasoning 1

Craig is using the part-whole model to calculate 6 + 8 by making 10.



Is he correct? Explain why.

No, Craig is incorrect because he has not partitioned 8 correctly to make 10. The correct number sentence is: 6 + 4 + 4 = 14.

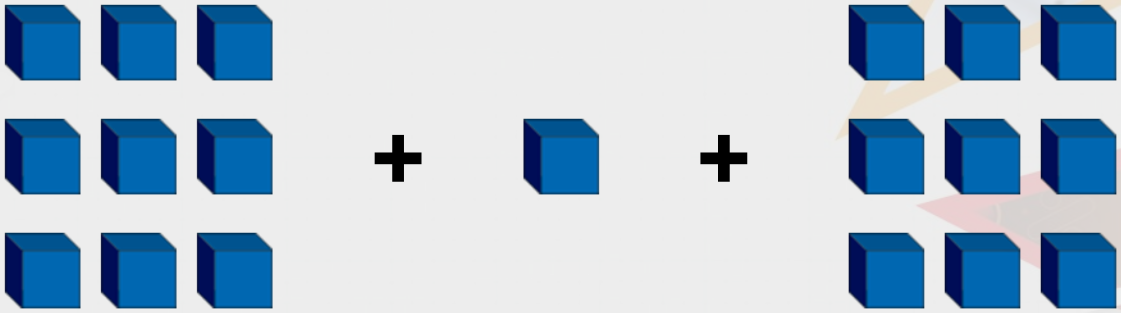
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Reasoning 2

Rachael is solving 9 + 9.



I need to add 1 to make 10 and then I add 9.
So 9 + 9 = 19.



Find and correct her errors. Explain your reasoning.

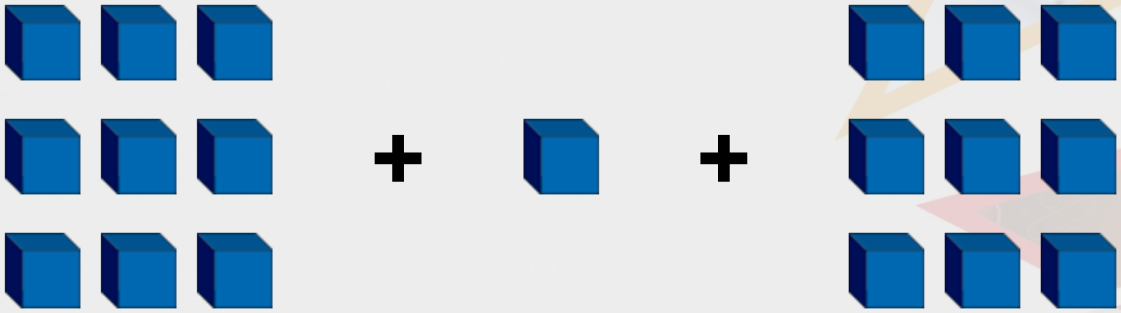
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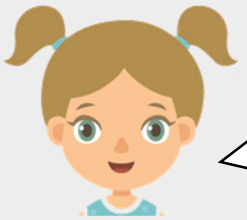
Find and correct her errors. Explain your reasoning.

Rachael has partitioned 9 incorrectly…

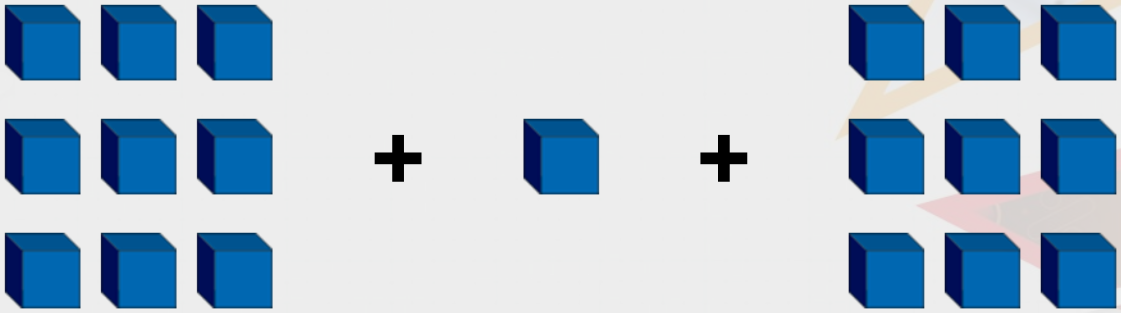
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Reasoning 2

Rachael is solving 9 + 9.



I need to add 1 to make 10 and then I add 9.
So 9 + 9 = 19.



Find and correct her errors. Explain your reasoning.

Rachael has partitioned 9 incorrectly. The correct partitioning for 9 is: 1 and 8; 9 + 1 + 8 = 18

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