Varied Fluency
Step 3: Add by Making 10

National Curriculum Objectives:

Mathematics Year 1: (1N1a) Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
Mathematics Year 1: (1N2a) Count, read and write numbers to 100 in numerals
Mathematics Year 1: (1N2b) Given a number, identify one more and one less
Mathematics Year 1: (1N4) Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least

Differentiation:

Developing Questions to support adding by making 10 (including totals no greater than 20). Numerals only. Pictorial support and scaffolding for every question.
Expected Questions to support adding by making 10 (including totals no greater than 20). Numerals only. Pictorial support or scaffolding.
Greater Depth Questions to support adding by making 10 (including totals no greater than 20). Includes addition of 3 numbers. Numerals and words. Limited pictorial support. Any pictorial support or scaffolding is not completed.

More Year 1 Addition and Subtraction resources.

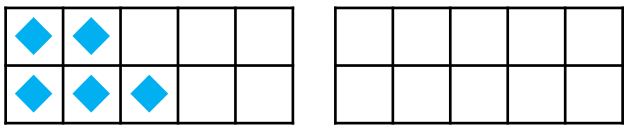
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Add by Making 10

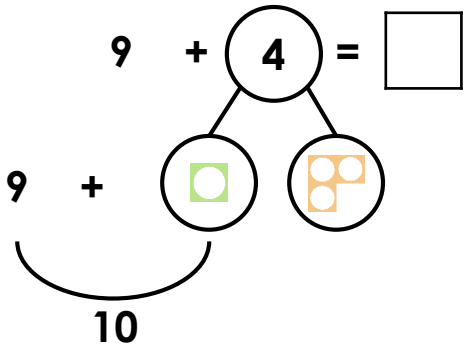
1a. Complete the calculation and ten frame below.

5 + 6 = ☐



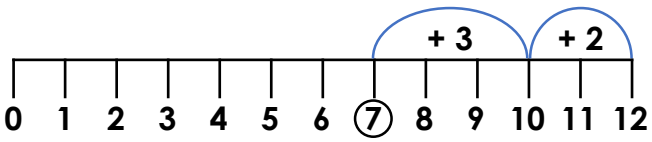
D VF

2a. Use the part-whole model to solve this calculation.



D VF

3a. Tick the calculation that matches the number line.

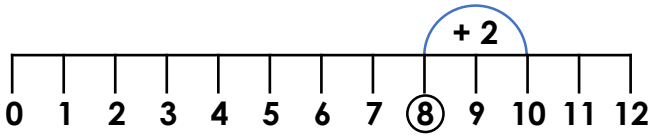


7 + 5 ☐ 7 + 3 ☐

D VF

4a. Complete the number line to show the calculation.

8 + 3 = 11

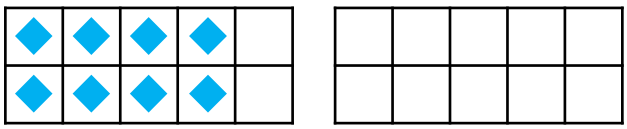


D VF

Add by Making 10

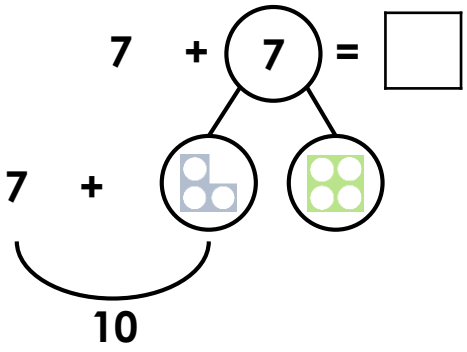
1b. Complete the calculation and ten frame below.

8 + 5 = ☐



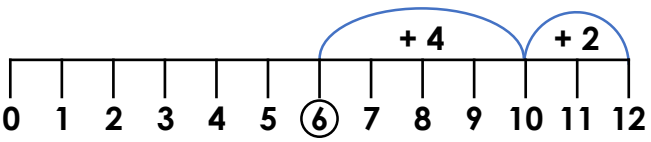
D VF

2b. Use the part-whole model to solve this calculation.



D VF

3b. Tick the calculation that matches the number line.

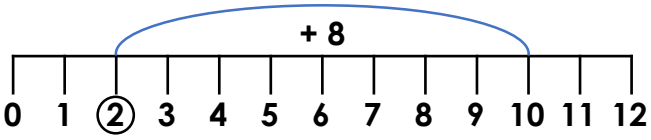


6 + 2 ☐ 6 + 6 ☐

D VF

4b. Complete the number line to show the calculation.

2 + 9 = 11



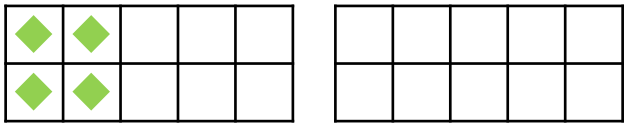
D VF

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Add by Making 10

5a. Complete the calculation and ten frame below.

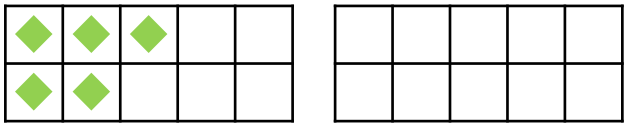
9 + 6 = ☐



VF

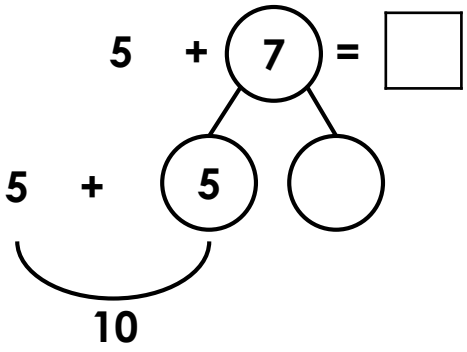
5b. Complete the calculation and ten frame below.

7 + 7 = ☐



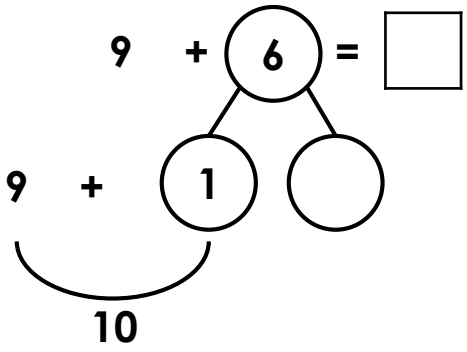
VF

6a. Use the part-whole model to solve this calculation.



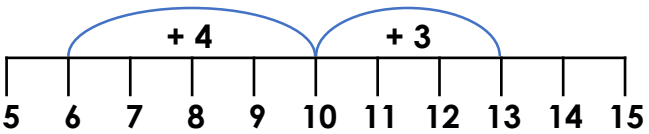
VF

6b. Use the part-whole model to solve this calculation.



VF

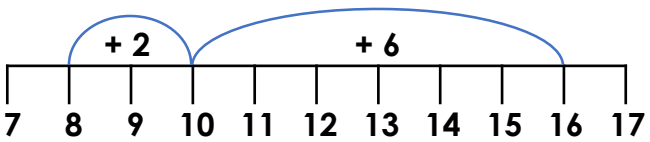
7a. Tick the calculation that matches the number line.



6 + 8 ☐ 6 + 7 ☐

VF

7b. Tick the calculation that matches the number line.

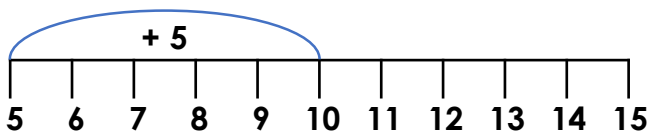


8 + 8 ☐ 8 + 2 ☐

VF

8a. Complete the number line to show the calculation.

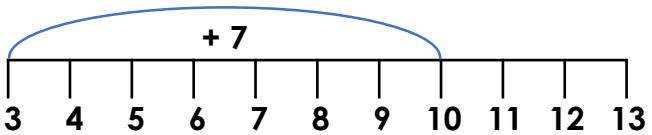
5 + 9 = 14



VF

8b. Complete the number line to show the calculation.

3 + 9 = 12



VF

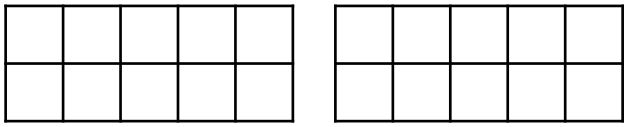
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Add by Making 10

Add by Making 10

9a. Complete the calculation and ten frame below.

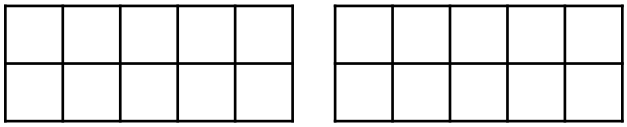
4 + nine = ☐



GD VF

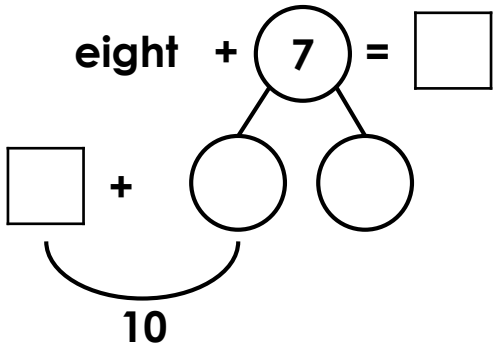
9b. Complete the calculation and ten frame below.

5 + six = ☐



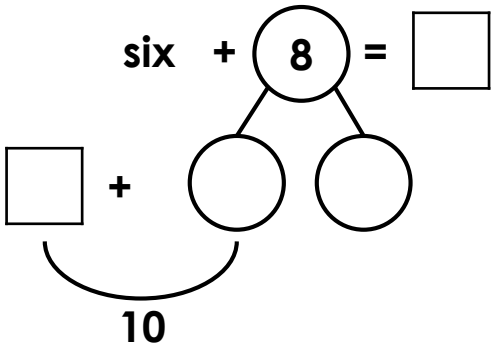
GD VF

10a. Use the part-whole model to solve this calculation.



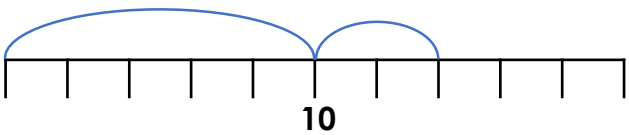
GD VF

10b. Use the part-whole model to solve this calculation.



GD VF

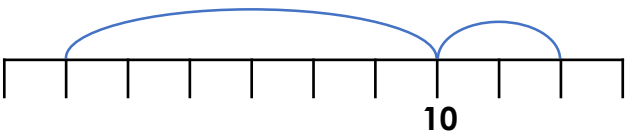
11a. Tick the calculation that matches the number line.



0 + 7 ☐ 5 + 7 ☐

GD VF

11b. Tick the calculation that matches the number line.

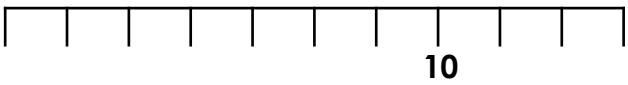


4 + 8 ☐ 2 + 8 ☐

GD VF

12a. Complete the number line to show the calculation.

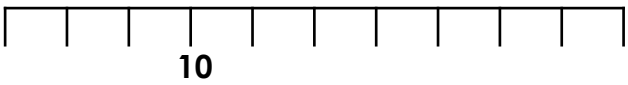
3 + 8 = ☐



GD VF

12b. Complete the number line to show the calculation.

7 + 9 = ☐



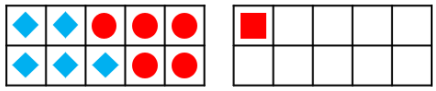
GD VF

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Varied Fluency
Add by Making 10

Developing

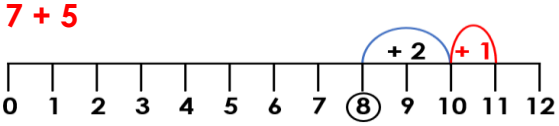
1a. 5 + 6 = 11



2a. 13

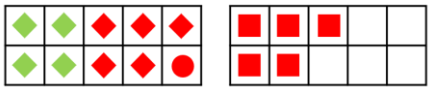
3a. 7 + 5

4a.

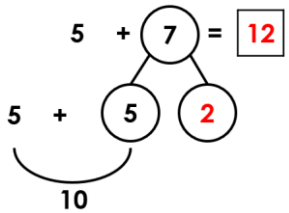


Expected

5a. 9 + 6 = 15

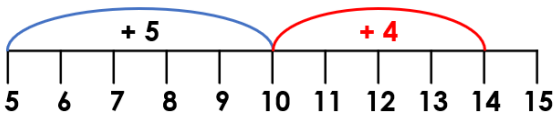


6a.



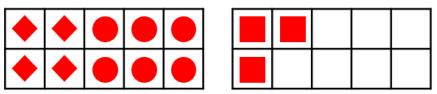
7a. 6 + 7

8a.

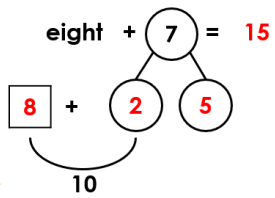


Greater Depth

9a. 4 + nine = 13

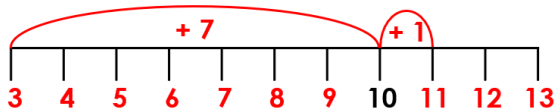


10a.



11a. 5 + 7

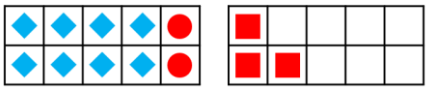
12a. 3 + 8 = 11



Varied Fluency
Add by Making 10

Developing

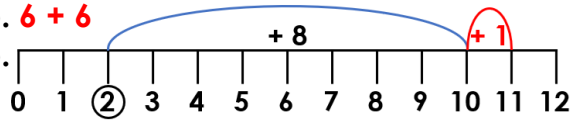
1b. 8 + 5 = 13



2b. 14

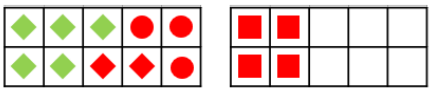
3b. 6 + 6

4b.

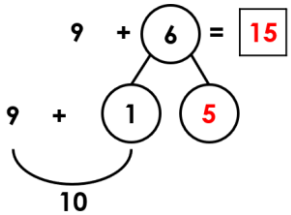


Expected

5b. 7 + 7 = 14

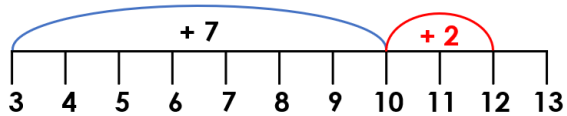


6b.



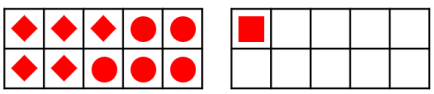
7b. 8 + 8

8b.

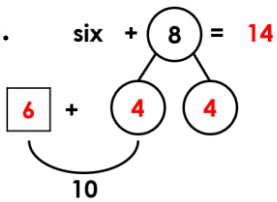


Greater Depth

9b. 5 + six = 11

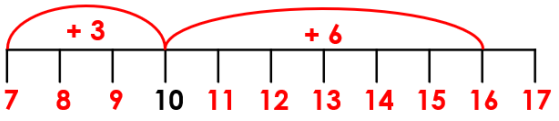


10b.



11b. 4 + 8

12b. 7 + 9 = 16



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