

Varied Fluency

Step 9: Add 2-Digit and 1-Digit Numbers

National Curriculum Objectives:

Mathematics Year 2: (2C1) [Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100](#)

Mathematics Year 2: (2C2a) [Add and subtract numbers mentally, including: a two-digit number and ones](#)

Mathematics Year 2: (2C2b) [Add and subtract numbers using concrete objects and pictorial representations, including: a two-digit number and ones](#)

Differentiation:

Developing Questions to support adding 2-digit numbers to any 1-digit number with some crossing of the 10s boundary. No column format, where place value charts or pictorials are made in Base 10.

Expected Questions to support adding 2-digit numbers to any 1-digit number crossing the 10s boundary. Using the column format, where place value charts or pictorials are made with counters.

Greater Depth Questions to support adding 2-digit numbers to any 1-digit number crossing the 10s boundary. Using mostly column format with numbers represented as numerals and words.

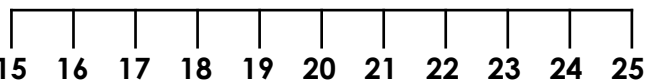
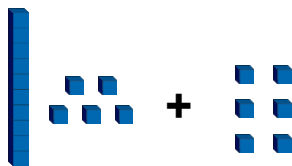
More [Year 2 Addition and Subtraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Add 2-Digit and 1-Digit Numbers

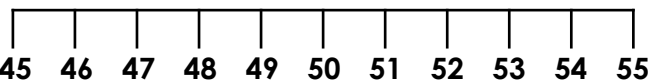
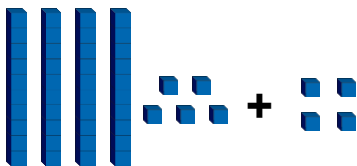
Add 2-Digit and 1-Digit Numbers

1a. Use the Base 10 and the number line below to calculate $15 + 6$.



VF

1b. Use the Base 10 and the number line below to calculate $45 + 4$.

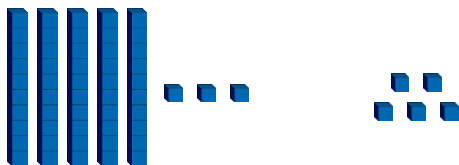


VF

2a. What number does Mason finish with?



I start at 53 and then add 5.

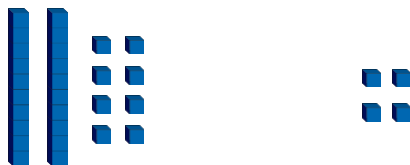


VF

2b. What number does Kenny finish with?

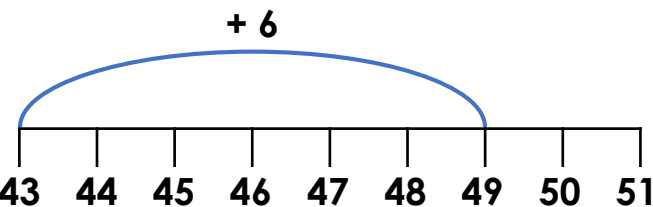


I start at 28 and then add 4.



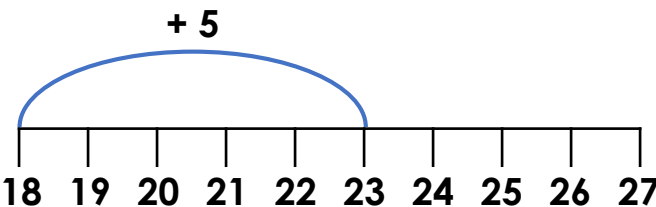
VF

3a. True or false? $43 + 6 = 49$.



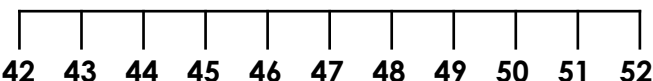
VF

3b. True or false? $18 + 5 = 23$.



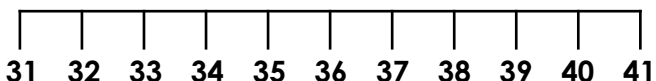
VF

4a. Use the number line below to calculate $42 + 9$.



VF

4b. Use the number line below to calculate $31 + 8$.

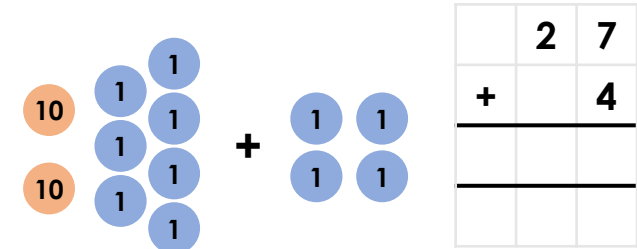


VF

Add 2-Digit and 1-Digit Numbers

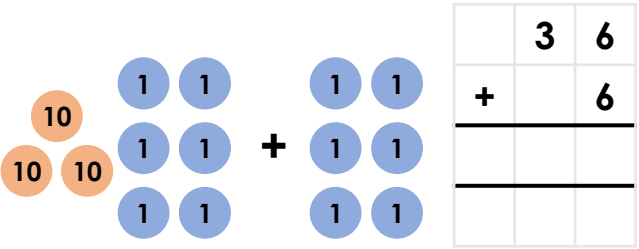
Add 2-Digit and 1-Digit Numbers

5a. Use the place value counters and the column method below to calculate $27 + 4$.



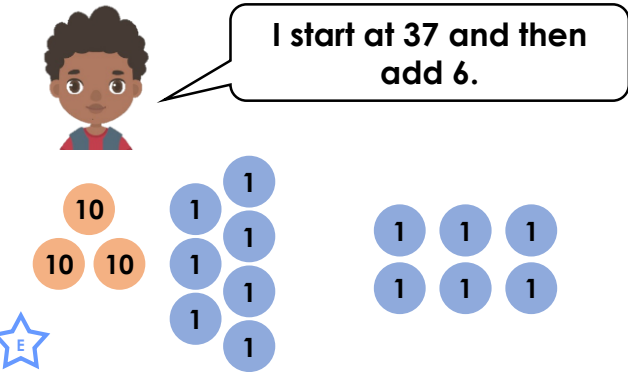
VF

5b. Use the place value counters and the column method below to calculate $36 + 6$.



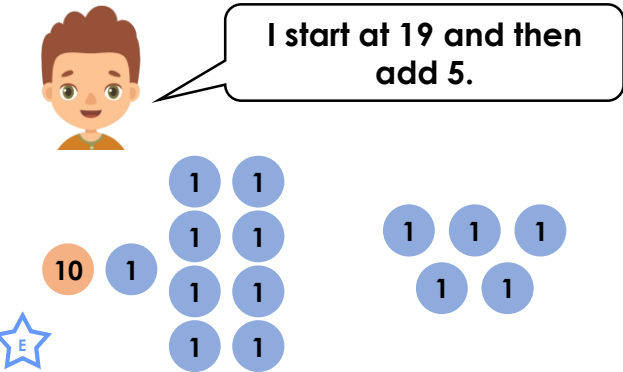
VF

6a. What number does Ahmed finish with?



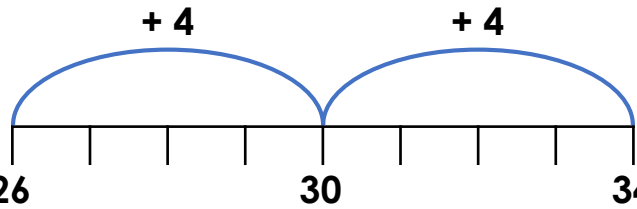
VF

6b. What number does Paul finish with?



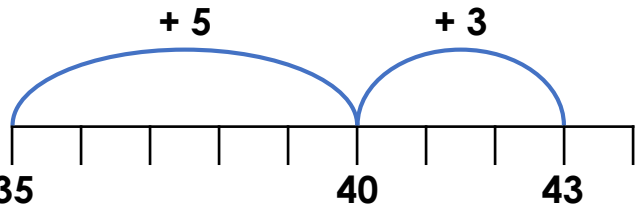
VF

7a. True or false? $26 + 8 = 34$.



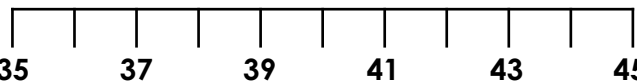
VF

7b. True or false? $35 + 9 = 43$.



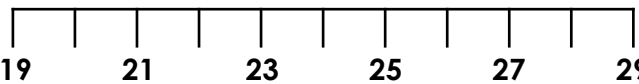
VF

8a. Use the number line below to calculate $35 + 7$.



VF

8b. Use the number line below to calculate $19 + 6$.



VF

Add 2-Digit and 1-Digit Numbers

Add 2-Digit and 1-Digit Numbers

9a. Use the column method below to calculate $58 + 9$.

	5	8
+		9



VF

9b. Use the column method below to calculate $37 + 8$.

	3	7
+		8



VF

10a. What number does William finish with?



I start at nineteen and then add six.

+		



VF

10b. What number does Jacob finish with?



I start at forty-six and then add five.

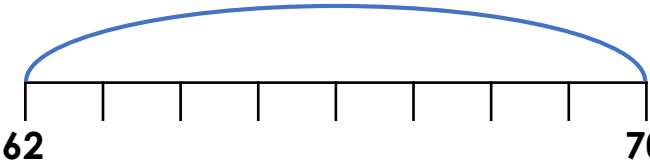
+		



VF

11a. True or false?
 $\text{Sixty-two} + \text{nine} = \text{seventy}$.

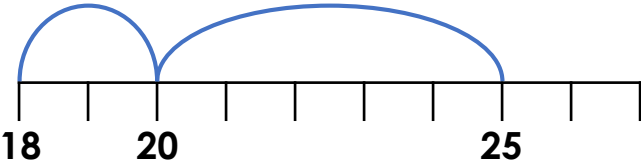
+ nine



VF

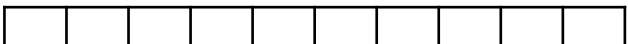
11b. True or false?
 $\text{Eighteen} + \text{seven} = \text{twenty-five}$.

+ two + five



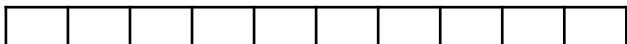
VF

12a. Use the number line below to calculate $\text{forty-three} + \text{eight}$.



VF

12b. Use the number line below to calculate $\text{twenty-seven} + \text{seven}$.



VF

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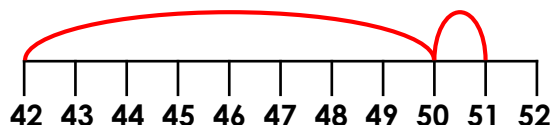
Developing

1a. $15 + 6 = 21$

2a. 58

3a. True

4a. $42 + 9 = 51$



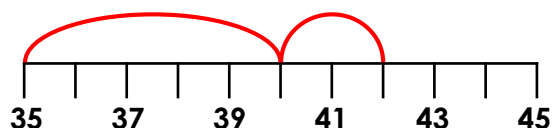
Expected

5a. $27 + 4 = 31$

6a. 43

7a. True

8a. $35 + 7 = 42$



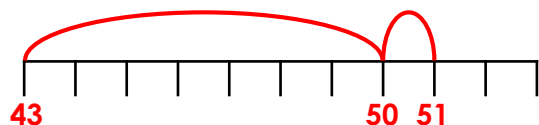
Greater Depth

9a. $58 + 9 = 67$

10a. 25

11a. $\text{False. Sixty-two} + \text{nine} = \text{seventy-one}$

12a. $\text{Forty-three} + \text{eight} = \text{fifty-one}$



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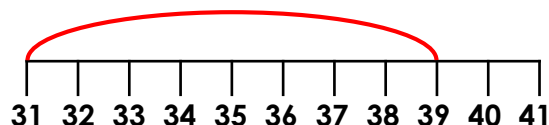
Developing

1b. $45 + 4 = 49$

2b. 32

3b. True

4b. $31 + 8 = 39$



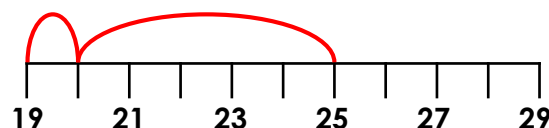
Expected

5b. $36 + 6 = 42$

6b. 24

7b. $\text{False. } 35 + 9 = 44$

8b. $19 + 6 = 25$



Greater Depth

9b. $37 + 8 = 45$

10b. 51

11b. True

12b. $\text{Twenty-seven} + \text{seven} = \text{thirty-four}$

