Varied Fluency
Step 3: Add 3-Digit Numbers and Tens

National Curriculum Objectives:

Mathematics Year 3: (3C1) Add and subtract numbers mentally, including three-digit number and tens

Differentiation:

Developing Questions to support adding multiples of ten (up to 90) to a 3-digit number, not bridging the hundreds. Using Base 10 and numerals only, and the tens number is underlined. Pictorial support for all questions.
Expected Questions to support adding multiples of ten (up to 90) to a 3-digit number, includes exchanging. Using numerals and a variety of representations.
Greater Depth Questions to support adding two multiples of ten (up to 90) to a 3-digit number, includes exchanging. Using numerals, words and a variety of representations.

More Year 3 Addition and Subtraction resources.

Did you like this resource? Don't forget to review it on our website.

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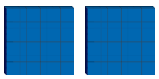
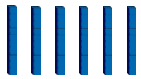
Add 3-Digit Numbers and Tens

1a. Use the grid to calculate 134 + 50.

H	T	O
		
		

D VF

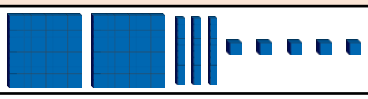
1b. Use the grid to calculate 228 + 60.

H	T	O
		
		

D VF

2a. Complete the bar model.

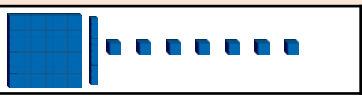
255



D VF

2b. Complete the bar model.

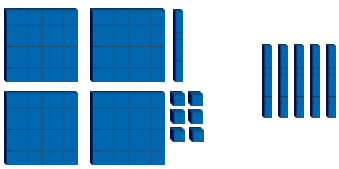
147



D VF

3a. Use Base 10 to solve the calculation.

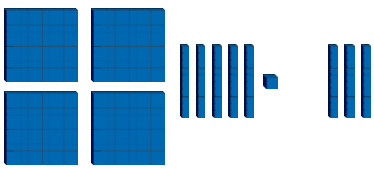
416 + 50 = ☐



D VF

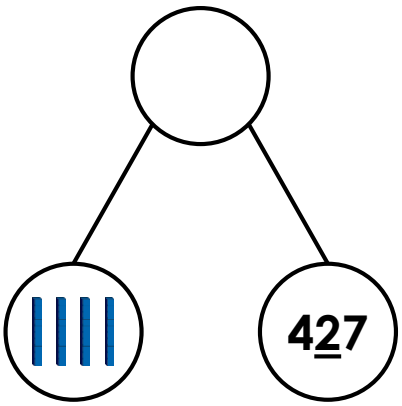
3b. Use Base 10 to solve the calculation.

451 + 30 = ☐



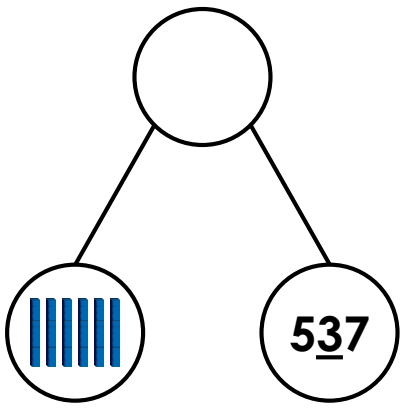
D VF

4a. Complete the part whole model.



D VF

4b. Complete the part whole model.



D VF

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Add 3-Digit Numbers and Tens

5a. Draw place value counters in the grid to calculate 384 + 40.

H	T	O

E VF

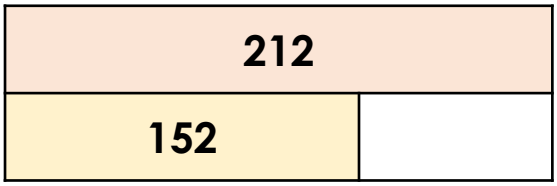
Add 3-Digit Numbers and Tens

5b. Draw place value counters in the grid to calculate 631 + 80.

H	T	O

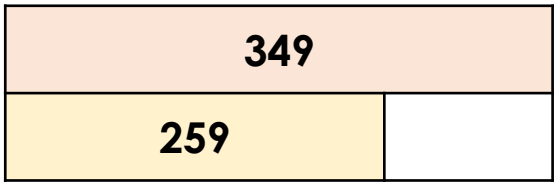
E VF

6a. Complete the bar model.



E VF

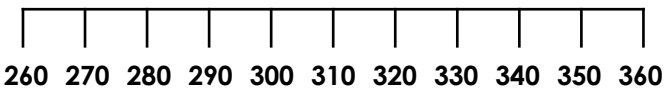
6b. Complete the bar model.



E VF

7a. Use the number line to solve the calculation.

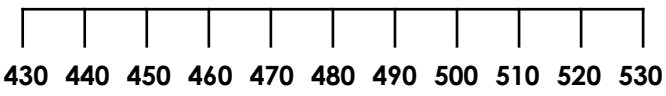
260 + 50 = ☐



E VF

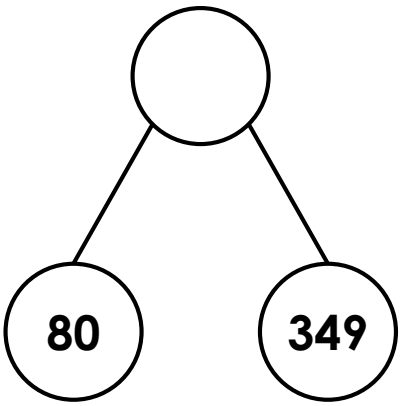
7b. Use the number line to solve the calculation.

430 + 80 = ☐



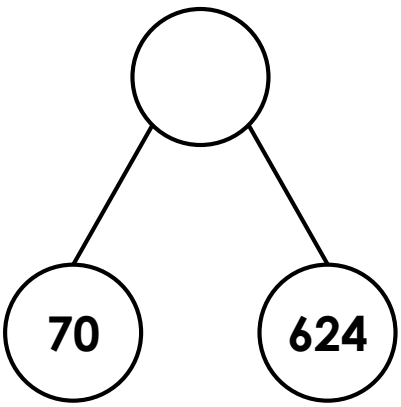
E VF

8a. Complete the part whole model.



E VF

8b. Complete the part whole model.



E VF

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Add 3-Digit Numbers and Tens

Add 3-Digit Numbers and Tens

9a. Draw place value counters in the grid to calculate 656 + 80 + seventy.

H	T	O

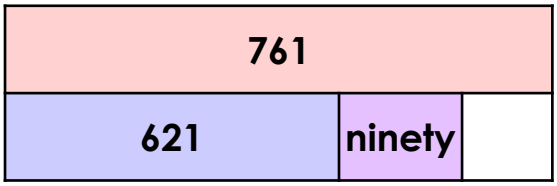
GD VF

9b. Draw place value counters in the grid to calculate 476 + sixty + 50.

H	T	O

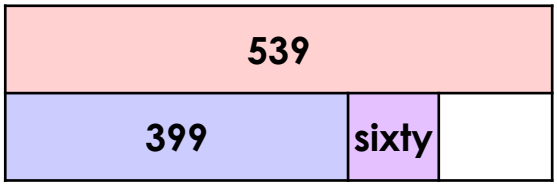
GD VF

10a. Complete the bar model.



GD VF

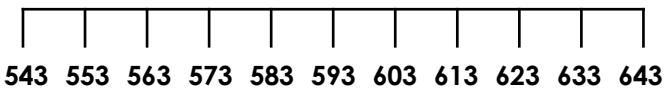
10b. Complete the bar model.



GD VF

11a. Use the number line to solve the calculation.

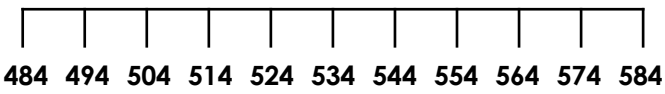
543 + forty + 20 = ☐



GD VF

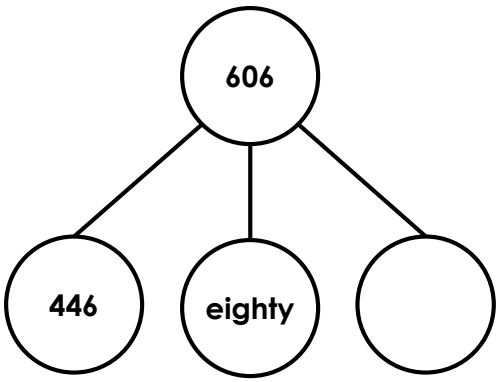
11b. Use the number line to solve the calculation.

484 + sixty + 30 = ☐



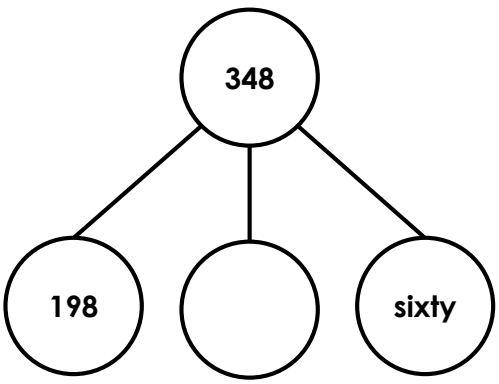
GD VF

12a. Complete the part whole model.



GD VF

12b. Complete the part whole model.



GD VF

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Varied Fluency
Add 3-Digit Numbers and Tens

Developing

1a. 184
2a. 20
3a. 466
4a. 467

Expected

5a. 424
6a. 60
7a. 310
8a. 429

Greater Depth

9a. 806
10a. 50
11a. 603
12a. 80

Varied Fluency
Add 3-Digit Numbers and Tens

Developing

1b. 288
2b. 30
3b. 481
4b. 597

Expected

5b. 711
6b. 90
7b. 510
8b. 694

Greater Depth

9b. 586
10b. 80
11b. 574
12b. 90

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