

Dear Parents/Carers,  
This powerpoint takes the children through the learning sequence. If possible please talk through the slides with your child and check their understanding. The slides start at a basic level to re-cap previous learning.

# Consolidation of addition and subtraction

16.6.20





16.6.20

LO: I can add using formal column  
addition



# Starter





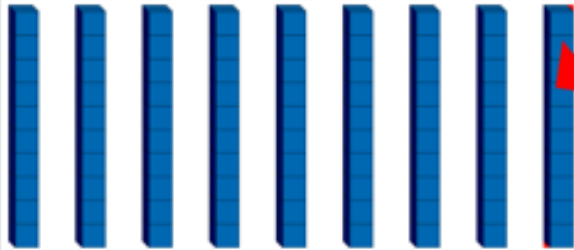
Complete the calculation below using Base 10.

T	O
	
	

Complete the  
addition calculation  
in your books.

# Starter - answer


Complete the calculation below using Base 10.

T	O
	
	
	

$$44 + 46 = 90$$

# Descriptive Teaching

What number is represented below?



Add 58.

What is the total?

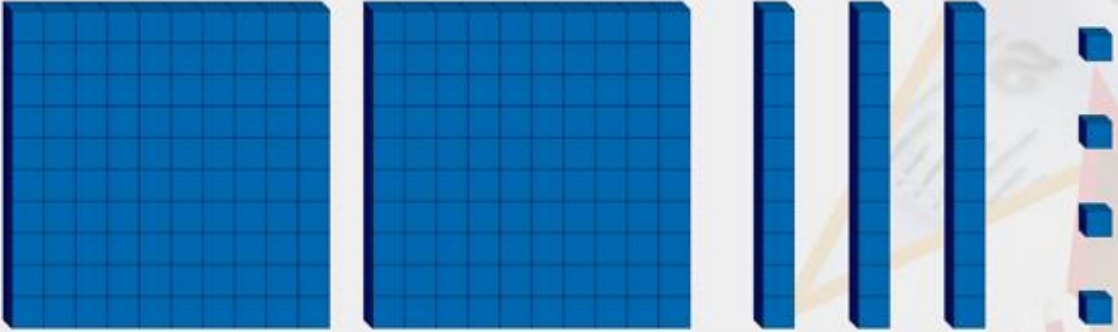
Count the base 10,  
what is the number?

Use column addition  
to add on 58.

# Descriptive Teaching - Answer

What number is represented below?

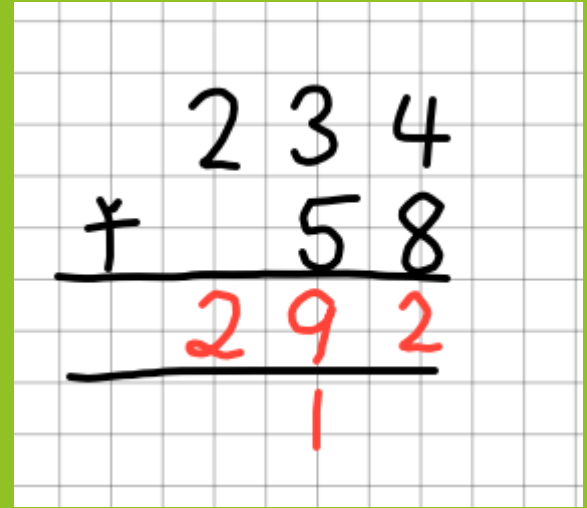
**234**



Add 58.






What is the total?

**$234 + 58 = 292$**


$$\begin{array}{r} 234 \\ + 58 \\ \hline 292 \end{array}$$

# Descriptive Doing

**Complete the calculation.  
Represent your answer using place value counters.**

	<b>Hundreds</b>	<b>Tens</b>	<b>Ones</b>
			
<b>+</b>			








Remember to  
regroup the ones.

Write the  
calculation in your  
book.

# Descriptive Doing - Answer

Complete the calculation.  
Represent your answer using place value counters.

+

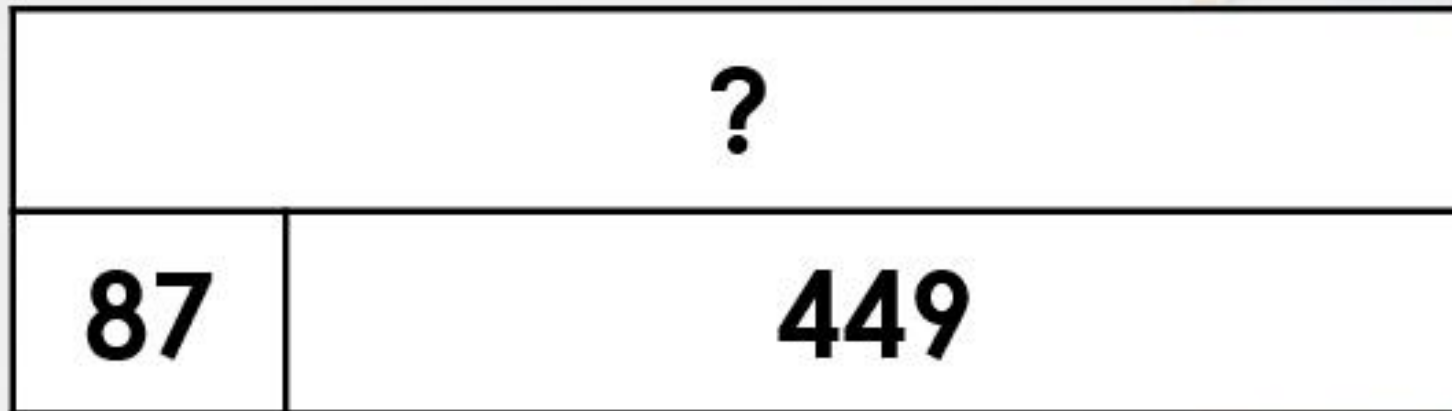
Hundreds	Tens	Ones
		
		
		

$$357 + 44 = 401$$

$$\begin{array}{r} 357 \\ + 44 \\ \hline 401 \\ \hline \end{array}$$

# Reflective Teaching

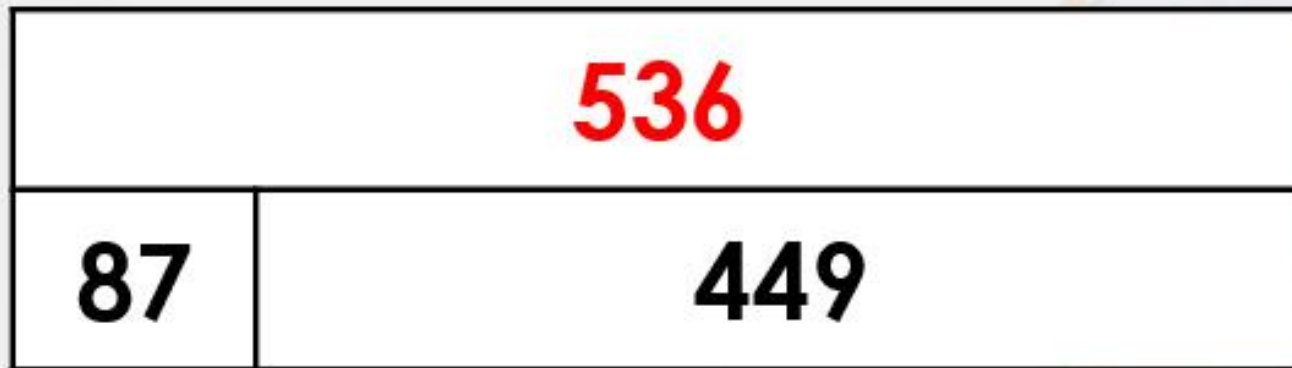
Complete the bar model.



Use the formal written method in your book.

# Reflective Teaching - Answers

Complete the bar model.



$$\begin{array}{r} 449 \\ + 87 \\ \hline 536 \\ \hline 11 \end{array}$$

# Reflective Doing

**Complete the calculations.  
Fill in the blanks using  $<$ ,  $>$  or  $=$ .**

$159 + 42$

$138 + 52$

$385 + 25$

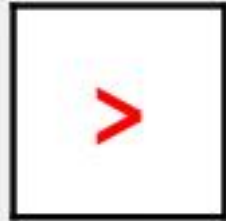
$377 + 24$

Use the formal written method to work out the answers and then use the correct symbols to fill in the gaps.

# Reflective Doing - Answers

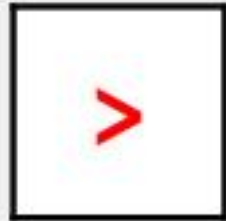
Complete the calculations.  
Fill in the blanks using  $<$ ,  $>$  or  $=$ .

$$\begin{array}{r} 159 + 42 \\ (201) \end{array}$$



$$\begin{array}{r} 138 + 52 \\ (190) \end{array}$$

$$\begin{array}{r} 385 + 25 \\ (410) \end{array}$$



$$\begin{array}{r} 377 + 24 \\ (401) \end{array}$$

# Independent work

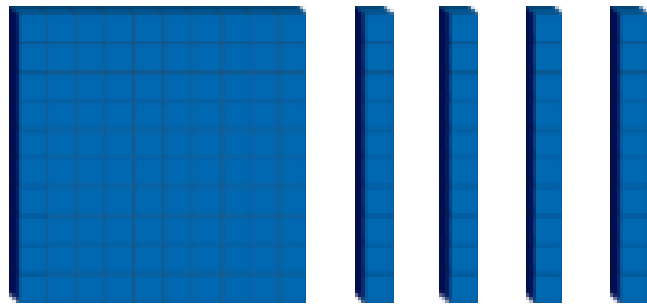
The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest). Choose one set you feel most comfortable with.

# Independent work



1a. What number is represented below?



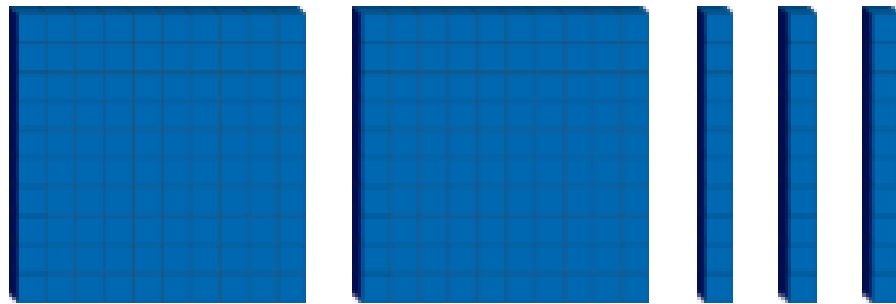
Now add 45.

What is the total?



S VF

1b. What number is represented below?



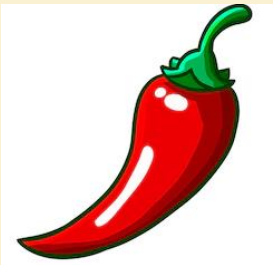
Now add 69.

What is the total?



S VF

# Independent work



2a. Complete the calculation. Represent your answer using Base 10.

	H	T	O
+			



S VF

2b. Complete the calculation. Represent your answer using Base 10.

	H	T	O
+			

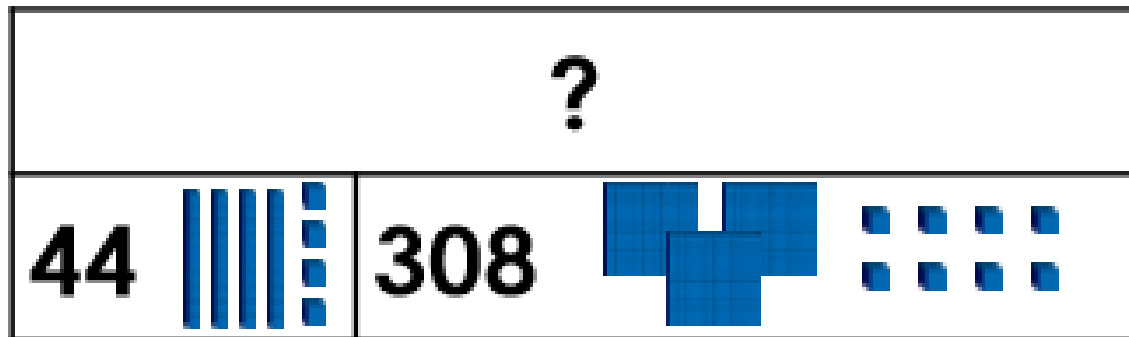


S VF

# Independent work

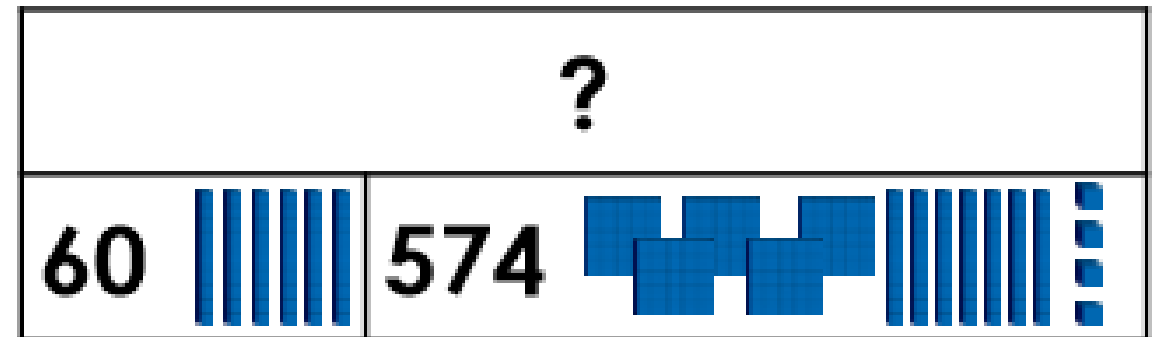


3a. Complete the bar model.



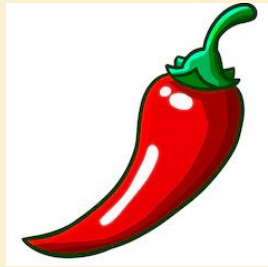
3 VF

3b. Complete the bar model.



3 VF

# Independent work



4a. Complete the calculations. Fill in the missing blanks using  $<$ ,  $>$  or  $=$ .

A.  $121 + 96$    $225 + 36$

B.  $122 + 69$    $114 + 57$



S VF

4b. Complete the calculations. Fill in the missing blanks using  $<$ ,  $>$  or  $=$ .

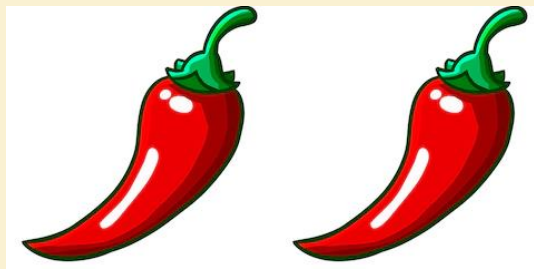
A.  $351 + 58$    $412 + 78$

B.  $567 + 61$    $519 + 44$

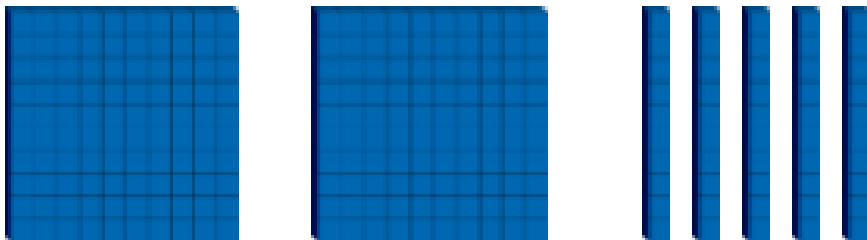


S VF

# Independent work



5a. What number is represented below?



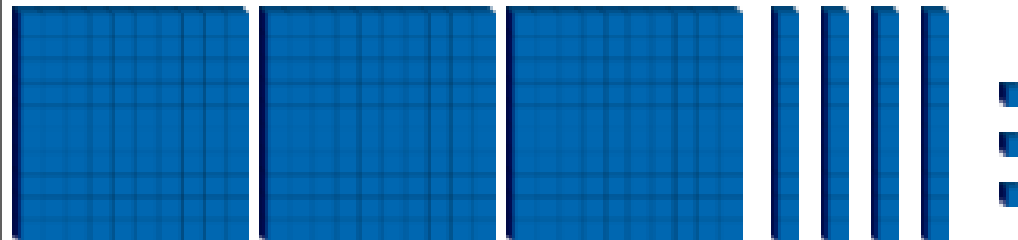
Now add 56.

What is the total?



3 VF

5b. What number is represented below?



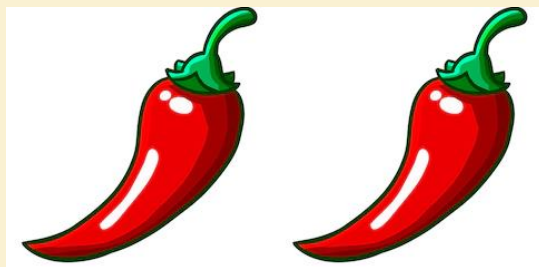
Now add 48.

What is the total?



3 VF

# Independent work



6a. Complete the calculation. Represent your answer using counters.

	H	T	O
+			



S VF

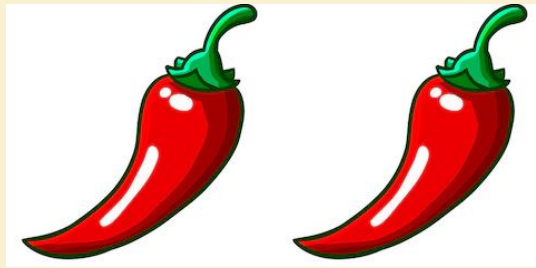
6b. Complete the calculation. Represent your answer using counters.

	H	T	O
+			

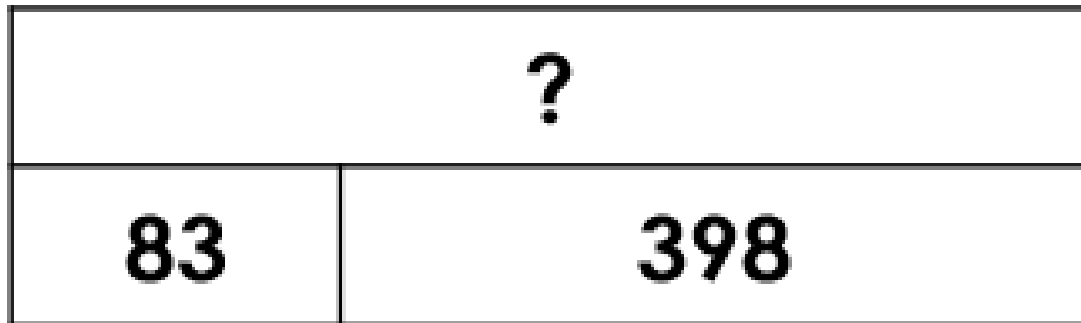


S VF

# Independent work

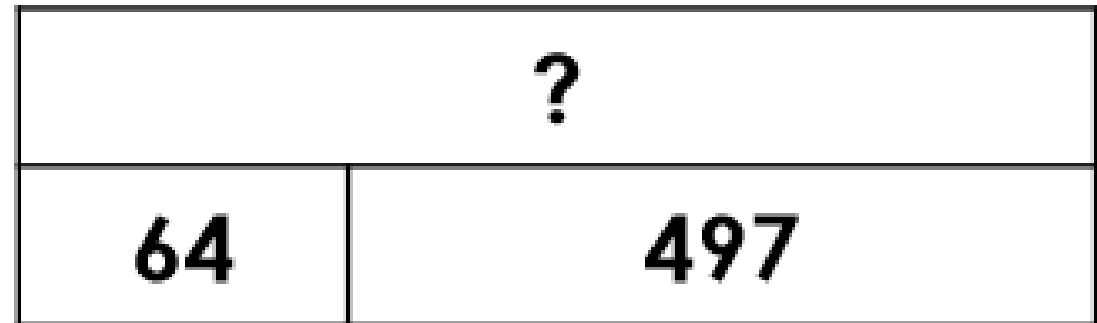


7a. Complete the bar model.



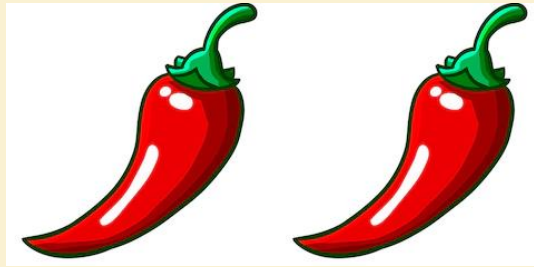
S VF

7b. Complete the bar model.



S VF

# Independent work



8a. Complete the calculations. Fill in the missing blanks using  $<$ ,  $>$  or  $=$ .

A.  $462 + 59$    $533 + 88$

B.  $274 + 57$    $246 + 77$



S VF

8b. Complete the calculations. Fill in the missing blanks using  $<$ ,  $>$  or  $=$ .

A.  $742 + 79$    $695 + 17$

B.  $845 + 87$    $782 + 49$

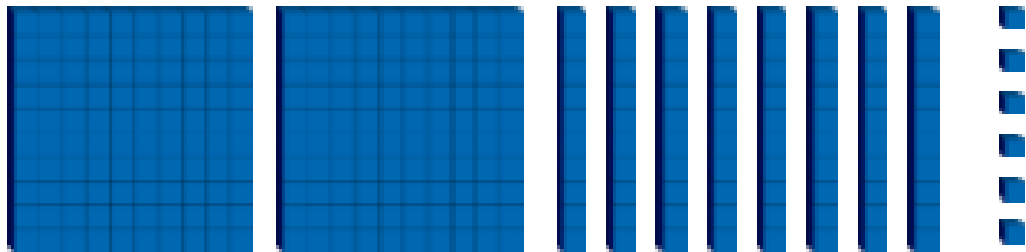


S VF

# Independent work



9a. What number is represented below?



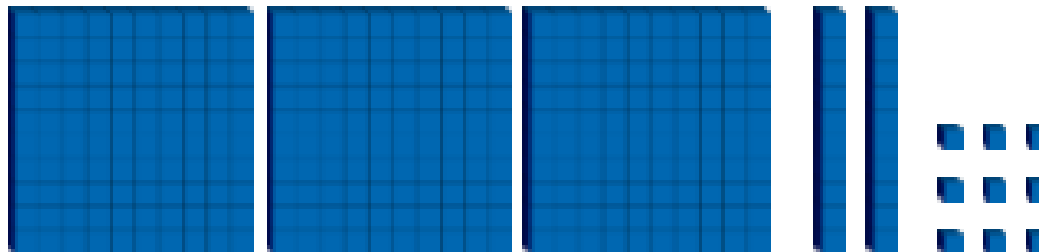
Now add 34.

What is the total?



3 VF

9b. What number is represented below?



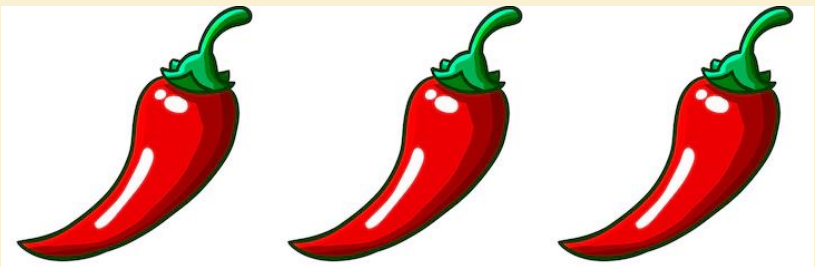
Now add 76.

What is the total?



3 VF

# Independent work



10a. Complete the calculation. Represent your answer using counters.

	H	T	O
+			



S VF

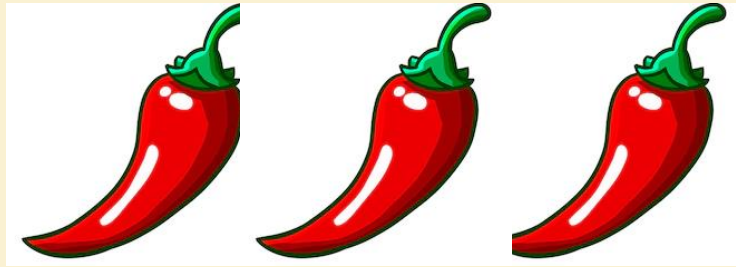
10b. Complete the calculation. Represent your answer using counters.

	H	T	O
+			



S VF

# Independent work



11a. Complete the bar model.

?	
59	four hundred and sixty-eight



3 VF

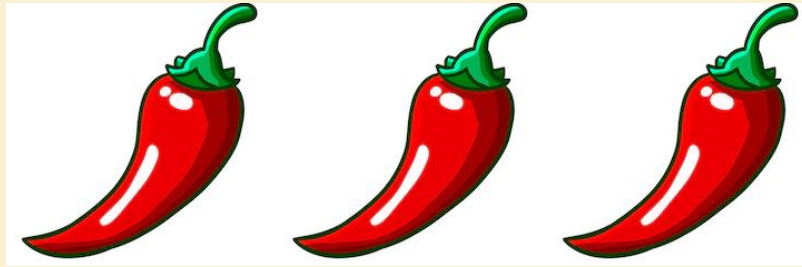
11b. Complete the bar model.

?	
eighty-six	469



3 VF

# Independent work



12a. Complete the calculations. Fill in the missing blanks using  $<$ ,  $>$  or  $=$ .

A.  $523 + 89$    $556 + \text{fifty-seven}$

B.  $484 + 77$    $497 + 64$



3 VF

12b. Complete the calculations. Fill in the missing blanks using  $<$ ,  $>$  or  $=$ .

A.  $789 + 85$    $777 + 97$

B.  $288 + \text{seventy-three}$    $247 + 84$



3 VF

# Answers

## Developing

1a. 140, 185

2a. 471

3a. 352

4a. A: (217) < (261); B: (191) > (171)

## Expected

5a. 250, 306

6a. 601

7a. 481

8a. A: (521) < (621); B: (331) > (323)

## Greater Depth

9a. 286, 320

10a. 531

11a. 527

12a. A: (612) < (613); B: (561) = (561)

## Developing

1b. 230, 299

2b. 391

3b. 634

4b. A: (409) < (490); B: (628) > (563)

## Expected

5b. 343, 391

6b. 421

7b. 561

8b. A: (821) > (712); B: (932) > (831)

## Greater Depth

9b. 329, 405

10b. 325

11b. 555

12b. A: (874) = (874); B: (361) > (331)

# Reflection Time



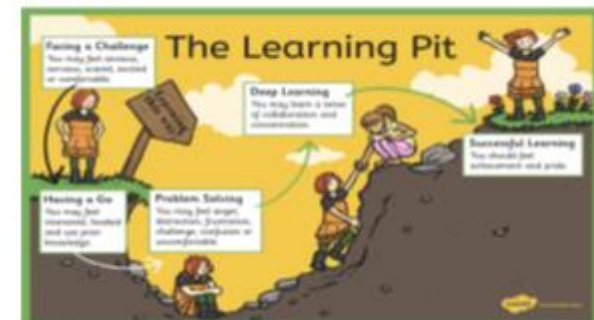
Use the clues to solve the calculation. How many calculations can you create?



I am adding a 1-digit number. It is greater than 2 but less than 7.

	3	9
+		

Take time  
to reflect

A simple stick figure standing on a horizontal line, used as a visual cue for reflection.

# Reflection Time - Answers



Use the clues to solve the calculation. How many calculations can you create?



I am adding a 1-digit number. It is greater than 2 but less than 7.

	3	9
+		3
<hr/>		
	4	2
<hr/>		
	1	

Various answers, for example:  
 $39 + 3 = 42$ ,  $39 + 4 = 43$ ,  $39 + 5 = 44$ ,  $39 + 6 = 45$

V3

Take time  
to reflect

