

Add Two Three-digit Numbers – Crossing 10 or 100

3



Fluency & Reasoning Teaching Slides

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Add Two Three-digit Numbers

– Crossing 10 or 100

Activity 1

This image shows $266 + 336$.



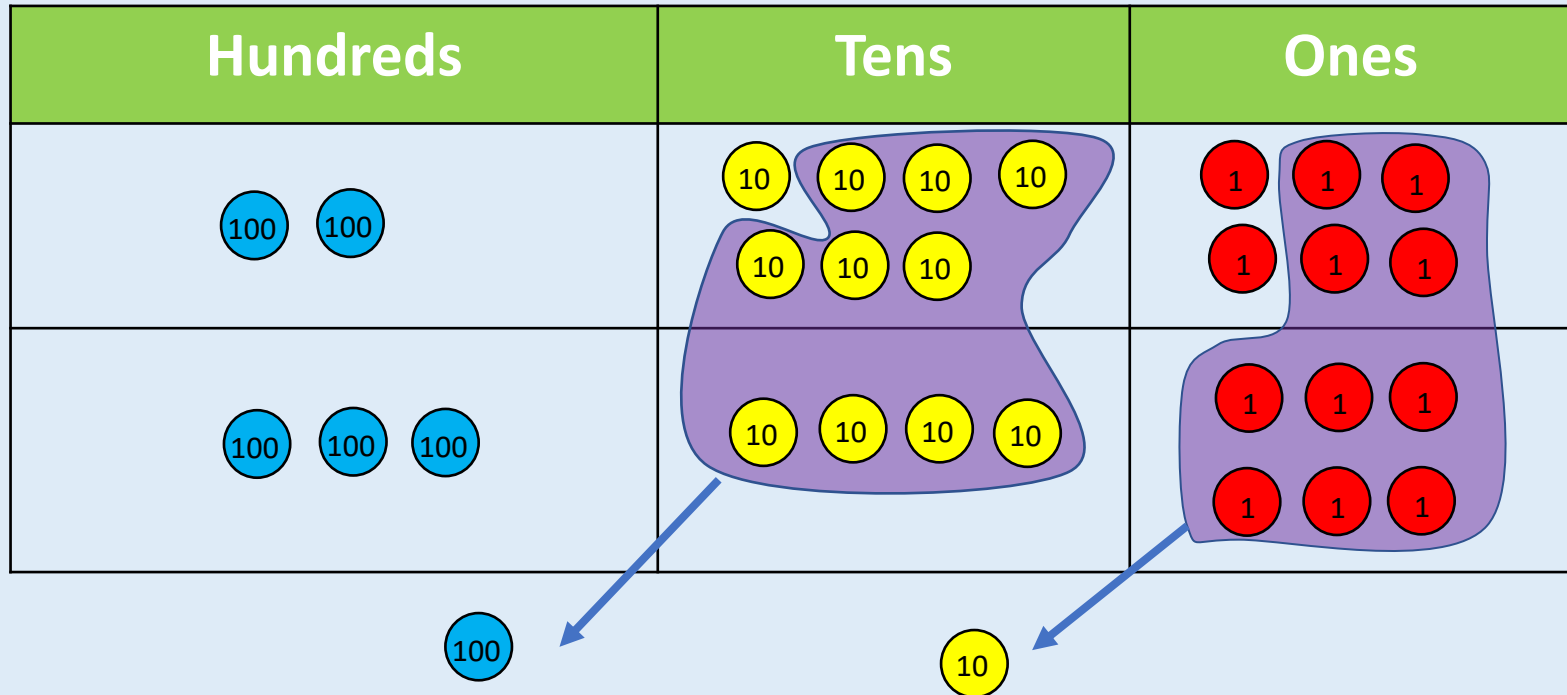
What happens when you have 10 ones?

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Activity 2

This image shows $276 + 346$.

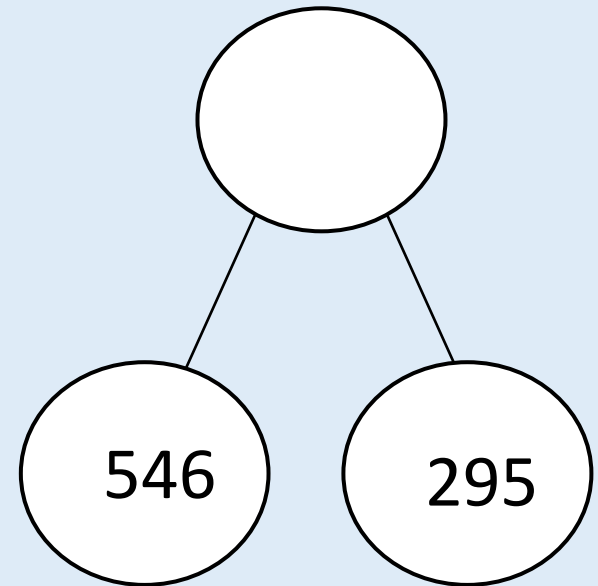


What happens when you have 10 ones and 10 tens?

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Activity 3

Use column addition to work out.



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Activity 3

Use column addition to work out.

727	
349	378

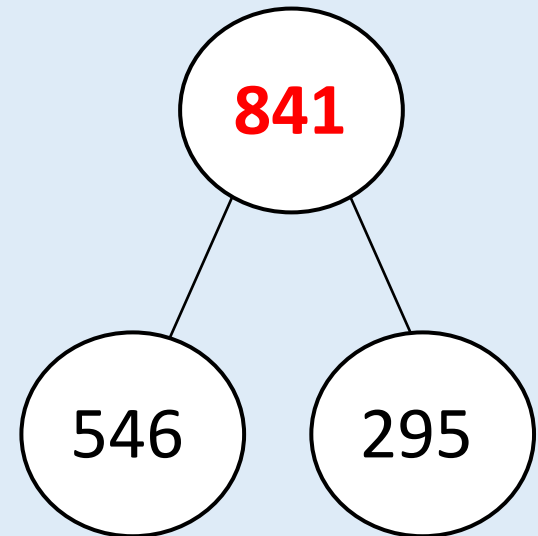
	H	T	O
	3	4	9
+	3	7	8
	7	2	7

1 1

658	215
873	

	H	T	O
	6	5	8
+	2	1	5
	8	7	3

1



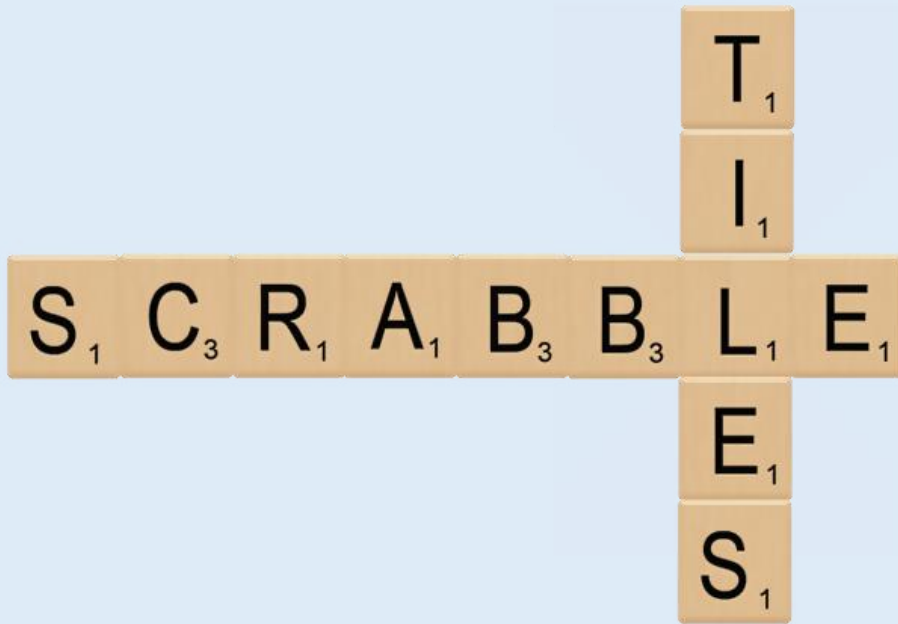
	H	T	O
	5	4	6
+	2	9	5
	8	4	1

1 1

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Activity 4

Zach and Esin finish their game of scrabble.



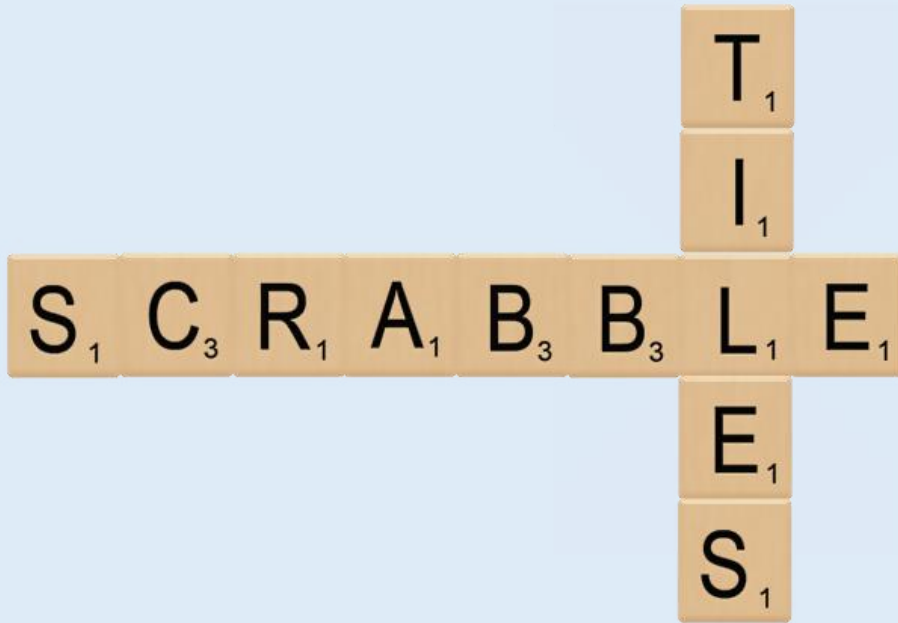
Zach scored 247 points and
Esin scored 184 points.

What was the total amount
of points scored?

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Activity 4

Zach and Esin finish their game of scrabble.



Zach scored 247 points and
Esin scored 184 points.

What was the total amount
of points scored?

$$247 + 184 = 431 \text{ total points}$$

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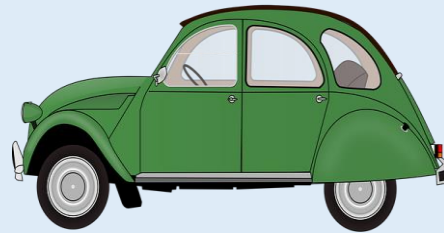
Activity 5

Car A and Car B go on a journey.

Car A drives 345 miles.

Car B drives 50 miles more.

How many miles were travelled altogether?



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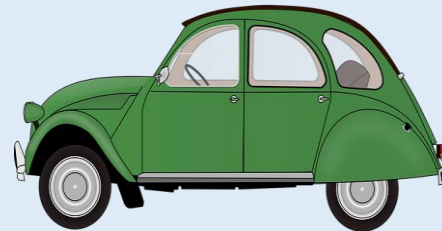
Activity 5

Car A and Car B go on a journey.

Car A drives 345 miles.

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How many miles were travelled altogether?



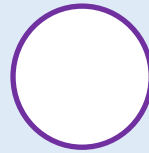
$$345 + 395 = 740 \text{ miles}$$

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Reasoning

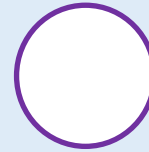
Complete the statements to make them correct.

$587 + 468$



$587 + 568$

$436 + 368$



$435 + 369$

$491 + 500$

=

$501 + \underline{\hspace{2cm}}$

Explain why you do not have to work out the answers to compare them.

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Reasoning

Complete the statements to make them correct.

$587 + 468$

<

$587 + 568$

$436 + 368$

=

$435 + 369$

$491 + 500$

=

$501 + \underline{490}$

In the first one we start with the same number, so the number we add will be greater.

In the second 435 is one less than 436 and 369 is one more than 368, so the total will be the same.

In the last one 501 is 10 more than 491, so we need to add 10 less than 500.