

Add and subtract 1s, 10s, 100s, 1,000s

Key learning

- Use the place value chart to help you work out $326 + 2$

Hundreds	Tens	Ones

- Dani uses a place value chart and base 10 to work out $575 - 30$

Hundreds	Tens	Ones

Use Dani's method to work out the subtractions.

$575 - 60$	$472 - 30$	$472 - 70$
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What do you notice?

- Huan uses place value counters and a chart to work out $547 - 300$

Hundreds	Tens	Ones

Use Huan's method to work out the subtractions.

$547 - 200$	$647 - 300$	$647 - 600$
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What do you notice?

- Use a place value chart to help you complete the number sentences.

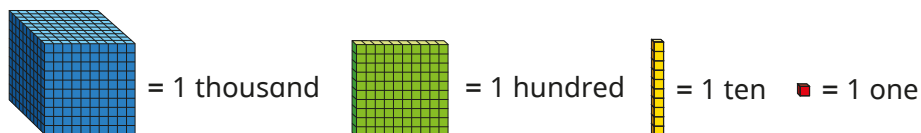
- $2,452 + 4 = \underline{\hspace{2cm}}$
- $2,452 - 1 = \underline{\hspace{2cm}}$
- $2,452 + 40 = \underline{\hspace{2cm}}$
- $2,452 - 30 = \underline{\hspace{2cm}}$
- $2,452 + 400 = \underline{\hspace{2cm}}$
- $2,452 - 400 = \underline{\hspace{2cm}}$
- $2,452 + 4,000 = \underline{\hspace{2cm}}$
- $2,452 - 1,000 = \underline{\hspace{2cm}}$

What do you notice? What stays the same and what changes?

Make connections

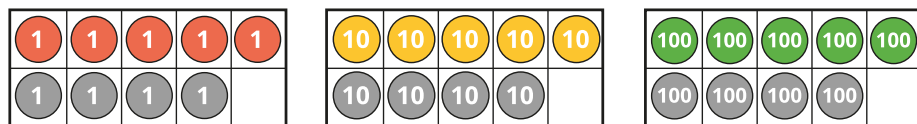
Key learning

- Use base 10 to help you complete the sentences.



- 1 ten = ____ ones
- 2 hundreds = ____ tens
- 2 tens = ____ ones
- 1 thousand = ____ hundreds
- 1 hundred = ____ tens
- 2 thousands = ____ hundreds

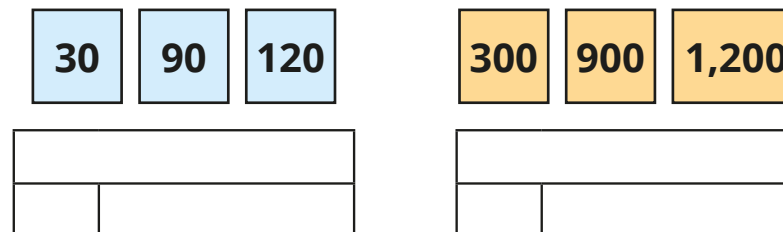
- Complete the addition sentences.



- 5 ones + 4 ones = ____ ones
- 5 tens + 4 tens = ____ tens
- 5 hundreds + 4 hundreds = ____ hundreds
- $5 + 4 = \underline{\hspace{2cm}}$
- $50 + 40 = \underline{\hspace{2cm}}$
- $500 + 400 = \underline{\hspace{2cm}}$

What do you notice?

- Use the number cards to complete the bar models.



Write the fact family for each bar model.



I know that $13 - 5 = 8$, so
I also know that $23 - 5 = 18$
and $33 - 5 = 28$

Use Kim's fact to work out the subtractions.



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I know that 90
is 10 away from 100, so
 $470 + 90 = 470 + 100 - 10$



Use Ron's method to work out the calculations.



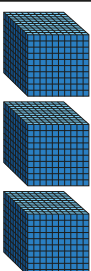
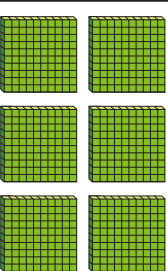
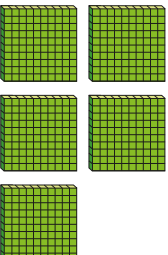
Add numbers with a different number of digits

Key learning

- Use base 10 to work out the additions.

Hundreds	Tens	Ones
		
+		

	H	T	O
	1	4	8
+		3	5

Th	H	T	O
			
+			

	Th	H	T	O
	3	6	1	4
+		5	2	3

- Work out the additions.

$$627 + 91$$

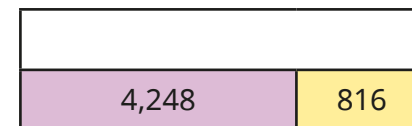
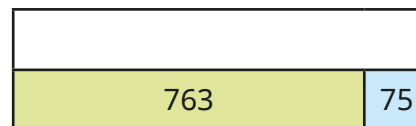
$$875 + 65$$

$$872 + 3,516$$

$$6,487 + 715$$

- Jo has 423 cm of ribbon.
Her teacher gives her another 82 cm of ribbon.
What total length of ribbon does Jo have now?

- Complete the bar models.

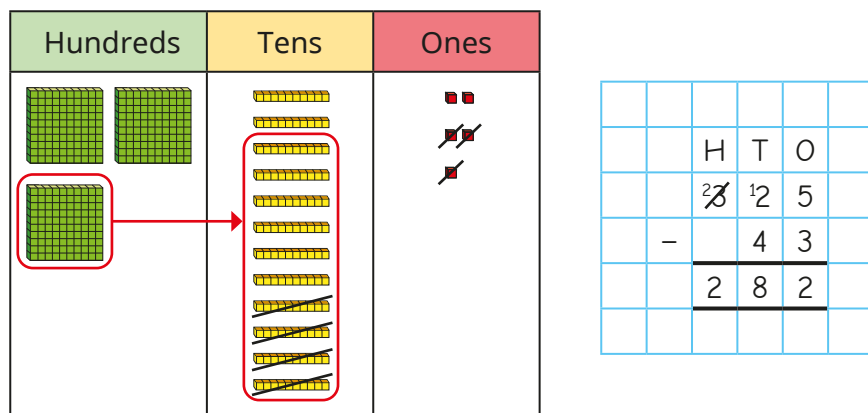


- Ms Rose has £4,294 and Mr Lee has £956
How much money do they have altogether?
- Nijah scores 974 points in a game.
Scott scores 82 points more than Nijah.
How many points do they score altogether?

Subtract numbers with a different number of digits

Key learning

- Scott is using base 10 to work out $325 - 43$



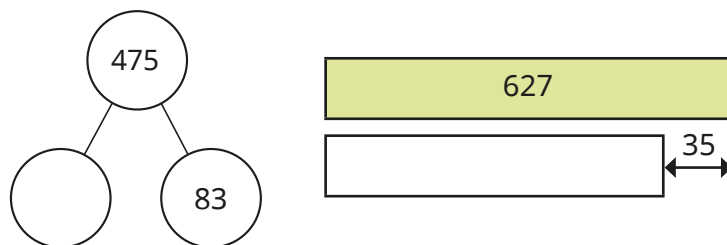
Use Scott's method to work out the subtractions.

$$738 - 46$$

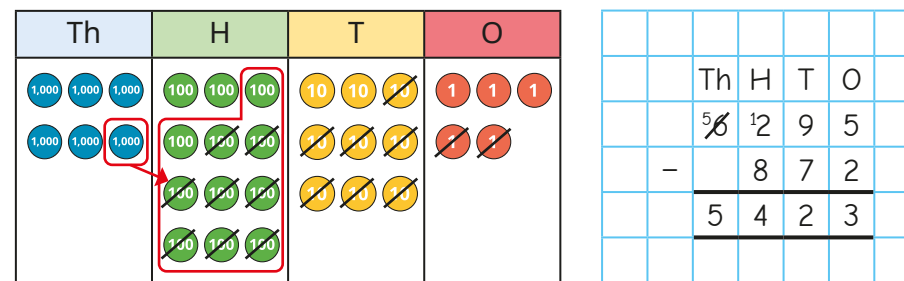
$$584 - 56$$

$$723 - 48$$

- Find the missing numbers.



- Whitney is using place value counters to work out $6,295 - 872$



Use Whitney's method to work out the subtractions.

$$2,936 - 351$$

$$5,119 - 348$$

$$2008 - 49$$

- Write $<$, $>$ or $=$ to compare the number sentences.

$$4,985 \quad \bigcirc \quad 5,600 - 999$$

$$2,240 + 350 \quad \bigcirc \quad 2,240 - 350$$

$$4,355 - 252 \quad \bigcirc \quad 4,355 - 152$$

$$6,295 - 1,864 \quad \bigcirc \quad 6,295 - 864$$

Explain how you compared the number sentences.