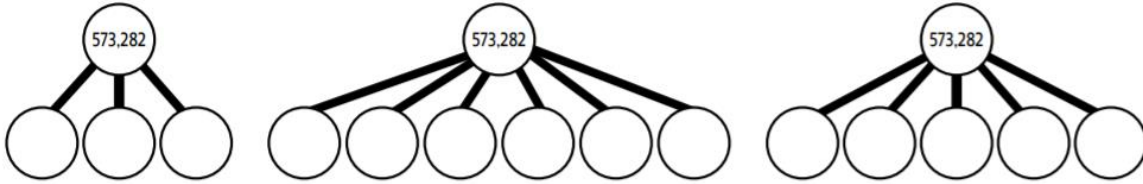




Power Up

[Open in](#)

Find three ways to partition the number 573,282.

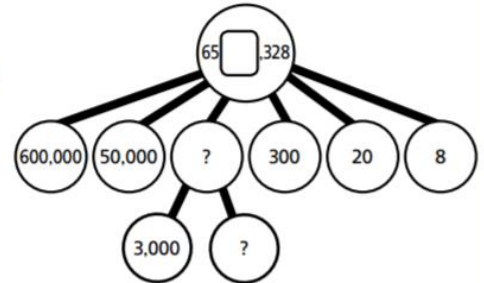


Find five more ways to partition 573,282.

Part of this whole is unknown. What could it be?



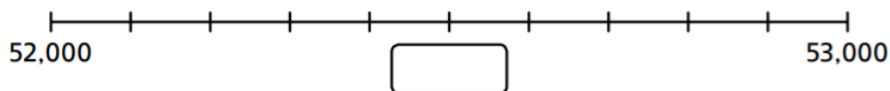
I can write an addition number sentence to show the whole.



Power Up

[Open in](#)

What number is half-way along the number line?



Use a number line to help you find the number half-way between these numbers.

800,000 and 900,000

300 and 400

4,700 and 4,800

45,000 and 55,000

63,000 and 83,000

174,000 and 175,000

The number half-way between two numbers is 12,500. What could the numbers be? Is there more than one possible answer?



Power Up

[Open in A](#)

What number is shown?

TTh	Th	H	T	O
● ●	● ● ● ●	● ● ● ● ● ● ●	● ● ● ● ●	● ● ●

Add 1 to the number shown in the place value grid. What is your answer?

Now add 10 to the number. What is your answer?

Now add 100 to the number. What is your answer?

Now add 1,000 to the number. What is your answer?

I will think carefully about the place value of each digit when adding or subtracting.



Power Up

[Open in](#)

What number is shown?

TTh	Th	H	T	O
●	● ● ● ● ●	● ●	● ● ● ● ● ●	● ● ● ● ● ● ● ● ●

Add 1 to the number shown in the place value grid. What is your answer?

Now add 10 to the number. What is your answer?

Now add 100 to the number. What is your answer?

Now add 1,000 to the number. What is your answer?

I have noticed that something happens to the hundreds column when the number in the tens column goes over nine.





Power Up

[Open in](#)

What number is shown?

TTh	Th	H	T	O
				

Subtract 1 from the number shown in the place value grid.
What is your answer?

Now subtract 10 from the number. What is your answer?

Now subtract 100 from the number. What is your answer?

Now subtract 1,000 from the number. What is your answer?

Now make your own 5-digit number. What do you get if you subtract 5,000 from it?



Power Up

[Open in](#)

What number is shown?

TTh	Th	H	T	O
				

Subtract 1 from the number shown in the place value grid.
What is your answer?

Now subtract 10 from the number. What is your answer?

Now subtract 100 from the number. What is your answer?

Now subtract 1,000 from the number. What is your answer?

I subtracted 3,500 from a number and my answer was 90,800.
What was my starting number?



Power Up

Use the digit cards to make your own 5-digit number.

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

--	--	--	--	--

Add 9 to your number. What is your answer?

Now add 99 to your number. What is your answer?

Now add 999 to your number. What is your answer?

Now add 9,999 to your number. What is your answer?

To add 9, I can add 10 and subtract 1. Adding 99 is the same as adding 100 and then subtracting 1.


[Open in A](#)


Power Up

Use the digit cards to make your own 5-digit number.

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

--	--	--	--	--

Subtract 9 from your number. What is your answer?

Now subtract 99 from your number. What is your answer?

Now subtract 999 from your number. What is your answer?

Now subtract 9,999 from your number. What is your answer?

I can subtract 9 by subtracting 10 and adding 1 back. I wonder if this can help me subtract 99.


[Open in A](#)



Power Up

Choose some digit cards to complete the calculations, then find the answers.

3 5 7 4 6 9 8

$$\begin{array}{r} \square \square \square \square \square \\ + 21,025 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \square \square \square \\ - 19,023 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \square \square \square \\ + 13,548 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \square \square \square \\ - 67,560 \\ \hline \end{array}$$

I will choose digits carefully when I make numbers for the subtraction calculations.



Power Up

Throw the dart to choose the type of calculation to carry out. Use the digit cards to create the calculation and find the answer. Make sure that at least one exchange is needed!

6 1 7 3 8 5 0 2 4 9

I will use column addition and column subtraction and pay attention to my place value.



Choose the type of calculation...

