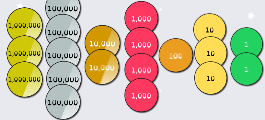


To be able to add and subtract integers



Starter:

What's the same? What's different?



three million, seven hundred and twenty-four thousand, one hundred and thirty-two

Explain your answer.

To be able to add and subtract integers



Activity 1:

Complete the calculations below:

	TTH	TH	H	T	O
	4	2	7	4	8
+	4	9	1	9	7

	M	HTH	TTH	TH	H	T	O
	9	5	6	5	4	8	5
-	7	2	9	3	2	4	8

To be able to add and subtract integers



Activity 2:

Solve the word problems below:

1. An antique vase sold at an auction for \$550,000. It was damaged when it was delivered and has lost \$199,000 in value. How much is it worth now? Which strategy did you use?
2. The price of a 4-bedroom beach house in Bella Vista was \$850,000 last year. Prices have dropped by \$249,999 over the past 12 months. How much would the same beach house cost today? Which strategy did you use?

To be able to add and subtract integers



Activity 3:

What are the missing digits below?

	TTH	TH	H	T	O
	6	3		4	9
+	3		9	4	
		9	4		4

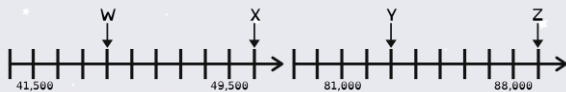
	TTH	TH	H	T	O
	5		3	0	
+		8	5		5
	9	4		1	0

To be able to add and subtract integers



Activity 4:

Look at the number lines below.



- What is the difference between W and Y?
- What is the difference between W and Z?
- What is the difference between X and Y?
- What is the difference between X and Z?

To be able to add and subtract integers



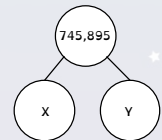
Activity 5:

Look at the part-whole model below.

X is an odd number that rounds to 600,000 to the nearest 100,000. It has a digit total of 11.

Y is an even number that rounds to 130,000 to the nearest ten thousand. It has a digit total of 27.

How many combinations of X and Y can you find?



To be able to add and subtract integers



Evaluation:



When adding lots of hundred thousands together, you exchange for a million.

Is Astrobee's statement always, sometimes or never true?
Provide examples to help explain your answer.