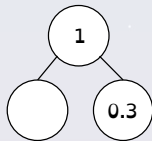


To be able to add decimals crossing the whole

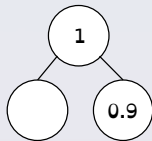


Starter:

Fill in the blanks for the representations below. What's the same? What's different?



Explain your answer.



To be able to add decimals crossing the whole



Activity 1:

Use a place value chart and counters to calculate the following.

a) $0.763 + 0.378 =$

b) $0.685 + 0.537 =$

c) $0.789 + 0.549 =$

d) $0.487 + 0.839 =$

ones	tenths	hundredths	thousandths

To be able to add decimals crossing the whole



Activity 2:

Use complements to 1 to help you calculate.

$0.48 + 0.73 =$

To be able to add decimals crossing the whole



Activity 3:

Use the column method to find the sum of two decimal numbers.

	ones	tenths	hundredths	thousandths
	0	6	7	8
+	0	5	9	3

	ones	tenths	hundredths	thousandths
	0	7	8	9
+	0	4	3	5

	ones	tenths	hundredths	thousandths
	0	9	8	8
+	0	0	9	7

To be able to add decimals crossing the whole



Activity 4:

Working with a partner and the digit cards 1–6, take turns selecting a digit card from the pack. One partner picks the tenth digits, the other picks the hundredths digit.

What was the largest sum you made?
What was the smallest sum you made?
Explain your answer.

	ones	tenths	hundredths
	0		
+	0		
+	0		



To be able to add decimals crossing the whole



Evaluation:

I can use the place value grid to prove that $0.8 + 0.4 = 0.12$



ones	tenths	hundredths	thousandths
	8		
	4		

Do you agree?

Explain your answer in full.