WALT add decimals when crossing a whole.

Please complete as much as you are able, starting with sheet 1. They get more challenging as they go along, so if 1 is not challenging you, try 2, then 3.

 When adding two decimal numbers, partitioning one of them to find complements to 1 is a really good method. For example:



Use complements to 1 to add these decimals.

α)	0.76 + 0.57	c)	1.43 + 0.64
b)	0.56 + 0.84	d)	0.91 + 2.74

2) Use the place value grid to add these decimals.

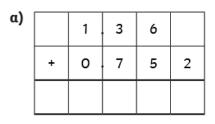
```
a) 1.756 + 0.527 =
```

Ones	tenths	hundredths	thousandths
		•	

0.853 + 0.31 =

Ones	tenths	hundredths	thousandths
	00	•	

3) Use the column method to add these decimals.



b) 0.654 + 0.167

 Alma has a piece of ribbon which measures 1.76m long. She cuts it into 2 different length pieces.



The two pieces of my ribbon measure 0.87 metres and 0.91 metres.

Is Alma correct? Explain your reasoning.

 Sammy can use the digits 1-9 only once to make a sum with a total greater than 1. Sammy says,

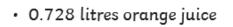


2)

I can use the digit 8 to complete this calculation.					
	0	2	9	5	
+	0		4	1	
	1	0	3	6	

Do you agree with Sammy? Explain why.

 George is making some juice mocktails for his friends. He is making 2 litres of mocktails in total. Here is his recipe:



- 0.46 litres raspberry juice
- 0.503 litres apple juice
- _____ litres peach juice

Does George use more than 0.3 litres of peach juice in his mocktail? Explain how you know.

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