White Rose Maths

1 Work out the totals of these decimals.

Use the number lines to help you.

a) 0.7 + 0.7 = $\boxed{1.4}$

0   0.5   1   1.5   2

b) 0.9 + 0.45 = $\boxed{1.35}$

0   0.5   1   1.5   2

c) 0.6 + 0.8 + 0.15 = $\boxed{1.55}$

0   0.5   1   1.5   2
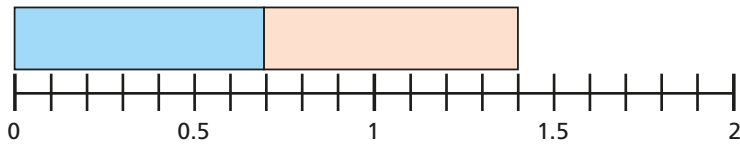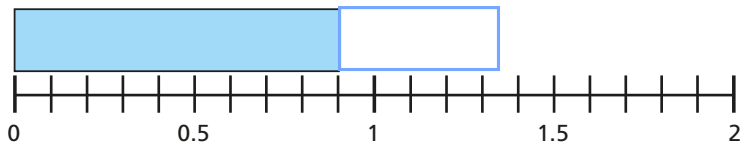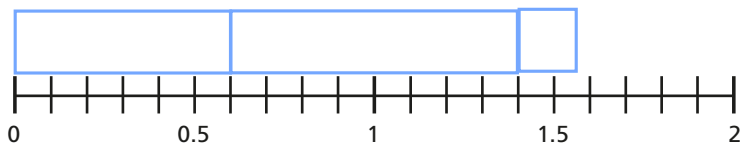
2 Complete the additions.

a) 0.74 + 0.36 = $\boxed{1.1}$

Ones	•	Tenths	Hundredths
	•	0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.01 0.01 0.01 0.01
	•	0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01

+

```
    0 • 7   4
+   0 • 3   6
    1 • 1   0
      1   1
```

b) 0.86 + 0.68 = $\boxed{1.54}$

Ones	•	Tenths	Hundredths
	•	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01
	•	0.1 0.1 0.1 0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01

+

```
    0 • 8   6
+   0 • 6   8
    1 • 5   4
      1   1
```
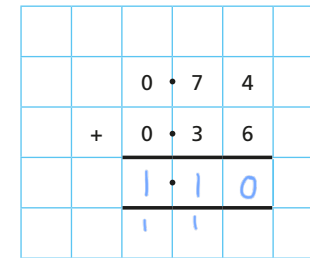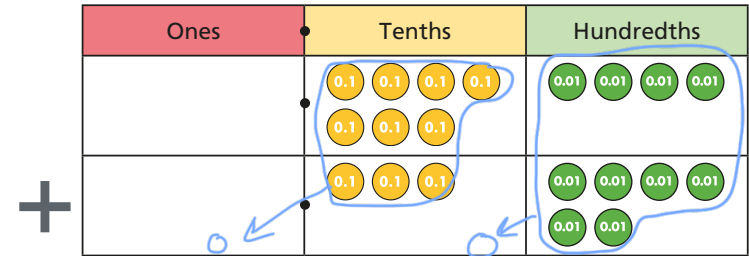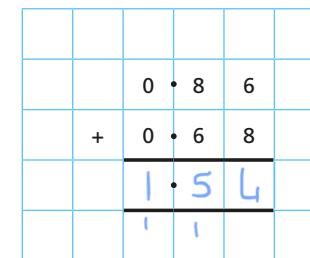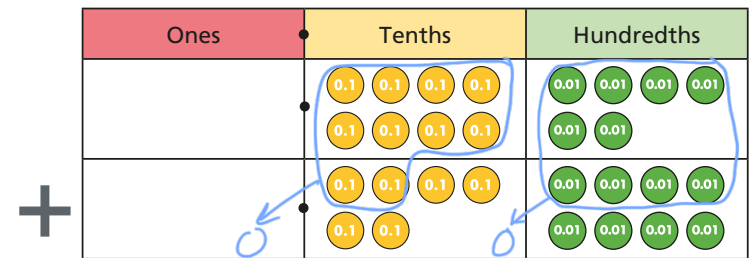
3 Use the column method to work out the additions.

a)

		0	•	4	2
+		0	•	6	9
		1	•	1	1
			1	1	

b)

		0	•	4	1
+		0	•	7	
		1	•	1	1
		1			

c)

		0	•	9	6
+		0	•	9	7
		1	•	9	3
		1	1		

d)

		0	•	3	
+		0	•	8	0	4
		1	•	1	0	4
		1			

e)

		0	•	2	2	2
+		0	•	8	7	6
		1	•	0	9	8
		1				

f)

		0	•	5	
+		0	•	7	7
		1	•	2	7
		1			

g)

		0	•	7	5	1
+		0	•	3	2	
		1	•	0	7	1
		1				

h)

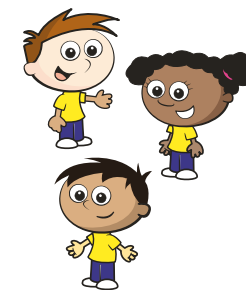|		0	•	6	0	4
+		0	•	5	1	9
		1	•	1	2	3
		1		1		

4 Teddy runs 0.32 km.

Amir runs half a kilometre.

Whitney runs 0.47 km.

a) How far do they run altogether?

1·29 km

b) Jack runs 7 tenths of a kilometre further than Whitney.
How far does Jack run?

1·17 km

5 Ron buys all these items plus a drink costing ninety-five pence.

How much does Ron spend in total?

£0.79

£0.65

Crisps

£0.54

Ron spends £ **2·93** in total.