Year 5 Maths

Steppingstone activity
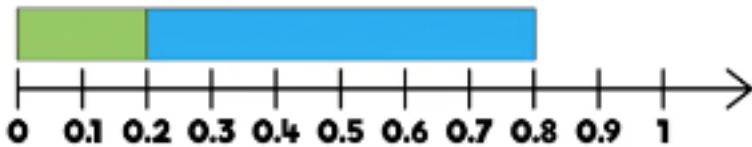
Summer week 3 Lesson 1 – 04.05.20

LO: To be able to add decimals within 1

Success Criteria:

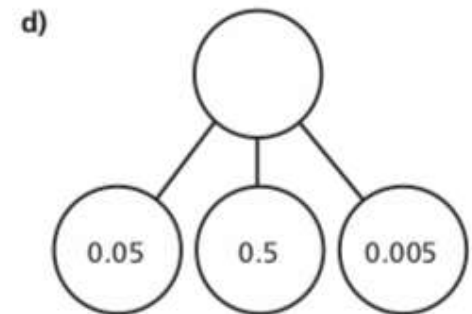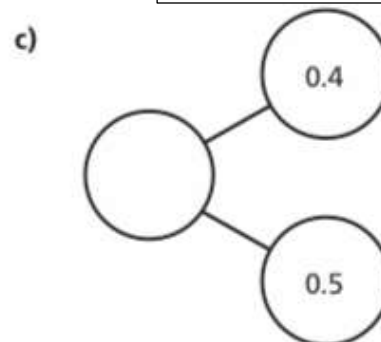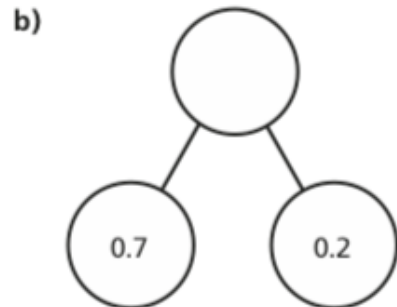|	
1.	First add the thousandths
2.	Then add the hundredths
3.	Now add the tenths
4.	Finally add any whole numbers

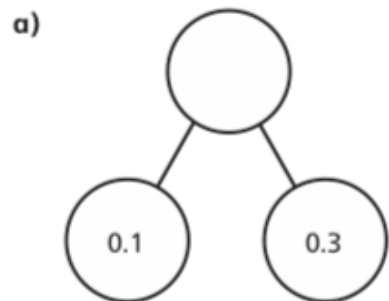==**Model**==

$0.2 + 0.6 =$

$0.8 + 0.1 = 0.9$

8 tenths + 1 tenth = 9 tenths

==**Now complete these part whole models:**==

a)

0.1   0.3

b)

0.7   0.2

c)

0.4

0.5

d)

0.05   0.5   0.005

==**Make up some of your own.**==

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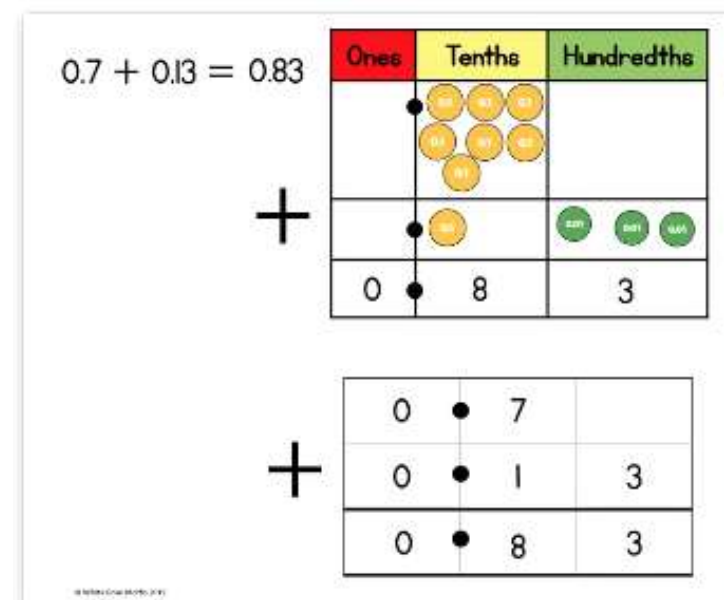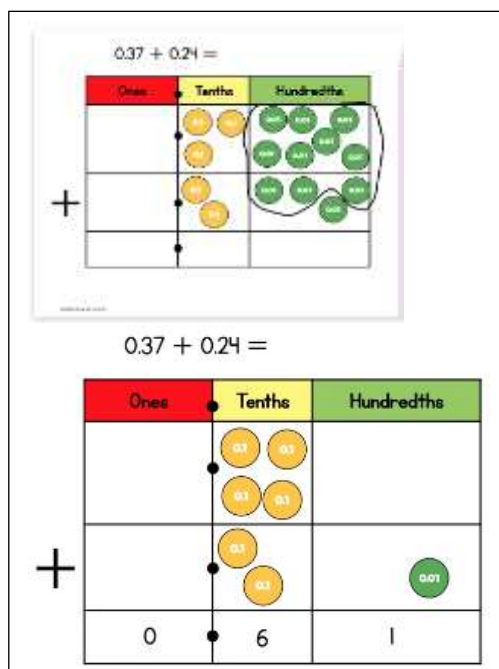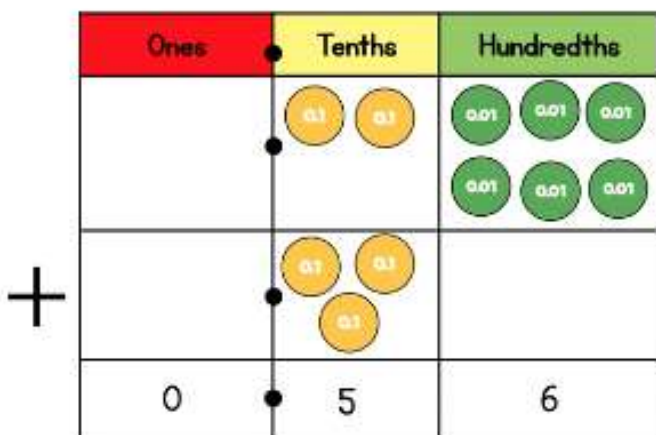**LO: To be able to add decimals within 1**
Success Criteria:

Success Criteria:

1. Write your decimals in columns – be sure to line up your place value columns carefully
2. Start by adding your hundredths or the column to the far right.
3. Then move down the columns remembering to exchange if needed
4. Don't forget to line up your decimal point.

Model:

$0.26 + 0.3 =$

$0.37 + 0.24 =$

$0.37 + 0.24 =$
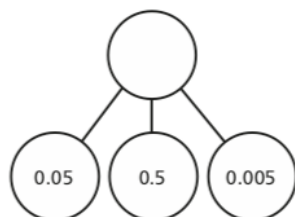

$0.7 + 0.13 = 0.83$

Sometimes you may have more than ten in one of your columns, in this case you will need to exchange e.g. there are 11 hundredths so we will EXCHANGE 10 of them for 1 tenth, we now have 6 tenths and only 1 hundredth.

Task 1	Task 2	Task 3

Task 1

0.05   0.5   0.005

0.42 + 0.3 =

Ones	Tenths	Hundredths
	0.1 0.1	0.01 0.01
	0.1 0.1	
+	0.1 0.1	
	0.1	

0.28 + 0.36 =

Ones	Tenths	Hundredths
+		

0.28 + 0.32 =

Ones	Tenths	Hundredths
+		

Task 2

Use the column method to work out the additions.

a)
```
    0 . 4   2
+   0 . 3
_____
      .
```

d)
```
    0 . 4   2
+   0 . 0   3   3
_____
      .
```

b)
```
    0 . 0   4
+   0 . 3   3
_____
      .
```

e)
```
    0 . 4   3   6
+   0 . 1   7
_____
      .
```

c)
```
  0 . 4   0   2
+ 0 . 0   3
_____
    .
```

f)
```
  0 . 7   5   1
+ 0 . 0   9
_____
    .
```

Task 3

Rosie has some digit cards.

0   1   2   3   4   5

She uses each card once to make a number sentence.

```
 ___         ⌐ ⌐ ⌐
| 0 | .     ¦ ¦ ¦ ¦ ¦
|___|        ⌐ ⌐ ⌐
 ___         ⌐ ⌐
| 0 | .     ¦ ¦ ¦ ¦
|___|        ⌐ ⌐
+
_____
          .
```
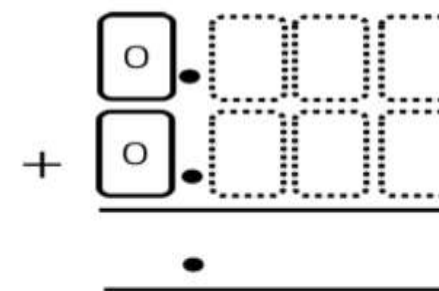
What is the largest number she can make? What is the smallest?

Eva drinks a quarter of a litre of water.

Mo drinks 0.3 litres of water.

Whitney drinks a tenth of a litre more water than Mo.

How much water do Eva, Mo and Whitney drink altogether?