RECALL

3,456,789

1) Show this number in a place value grid.

2)Split this number using part-whole model.

3)Write this number in words

L.O. TO READ, WRITE, ORDER AND COMPARE NUMBERS UP TO 10 MILLION AND DETERMINE THE VALUE OF EACH DIGIT

- SOME WILL EVEN: Identify a specific number which matches given statements.
- SOME WILL: Identify 10/100/1000/10,000/100,000/1,000,000 more or less than.
- MOST WILL: Write specific numbers in numerals and words.
- ALL WILL: Identify the place value of each digit in a number using various models.

GUIDED PRACTICE - MY TURN

a) In the game, how much money does Jamie have?

b) How much money does Aki have?

help

Use a place value grid to help you

How many different ways can you show Aki's amount?

GUIDED PRACTICE -YOUR TURN

a) In the game, how much money does Jamie have if she wins two more yellow notes?

b) How much money does Aki have if he wins 2 more blue notes?

help

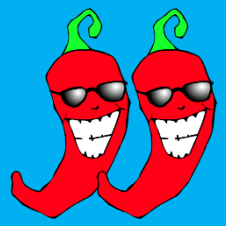
Use a place value grid to help you

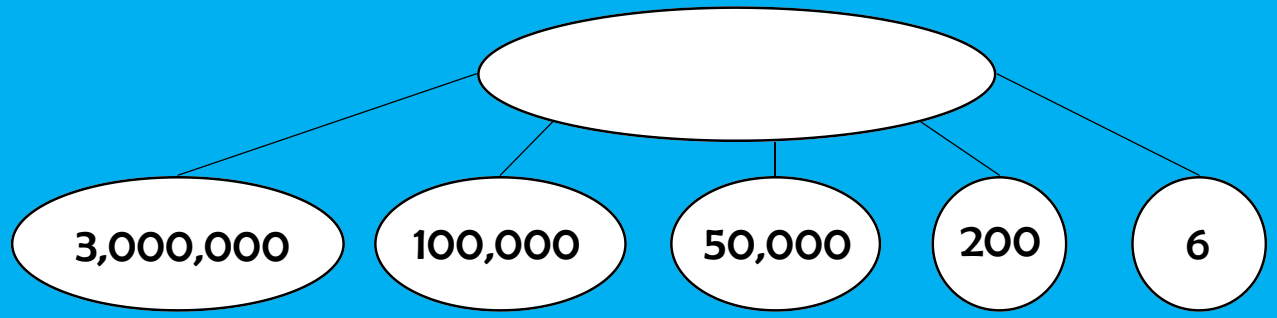
How many different ways can you show Aki's new amount?

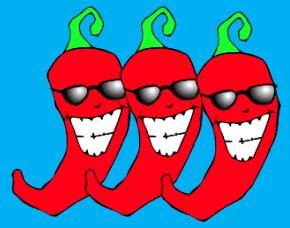
Intelligent Practice

Write these partitioned numbers in numerals

M	HTh	TTh	Th	H	T	O
●●●	●●●	●●	●	●●●●	●●●●●●	●●●







7,000,000 + 600,000 + 90,000 + 700 + 10 + 2

How many different ways can you partition 8,146,502?

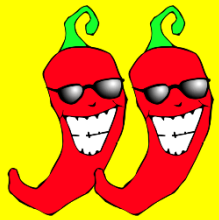
M	HTh	TTh	Th	H	T	O
●●●	●●●●●	●●	●	●●●●	●●●●●●	●●●

Intelligent Practice

Write these partitioned numbers in numerals

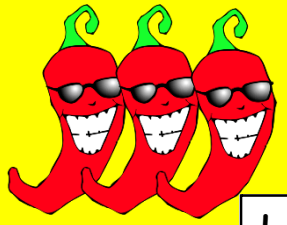
M	HTh	TTh	Th	H	T	O
●●●	●●●●	●●	●	●●●●	●●●●●●●●	●●●●●

3,421,475



3,150,206

- 3,000,000
- 100,000
- 50,000
- 200
- 6



7,000,000 + 600,000 + 90,000 + 700 + 10 + 2

7,690,712

How many different ways can you partition 8,146,502?

M	HTh	TTh	Th	H	T	O
●●●	●●●●●●	●●	●	●●●●	●●●●●●●●	●●●●●

4,021,475

DIVE DEEPER 1

1. How much money does Bella have?

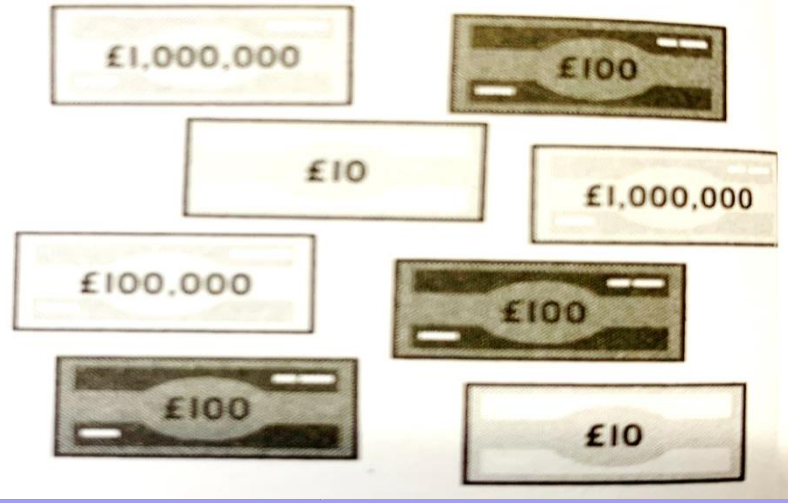
_____ + _____ + ____ + __ = _____

Bella has £ _____

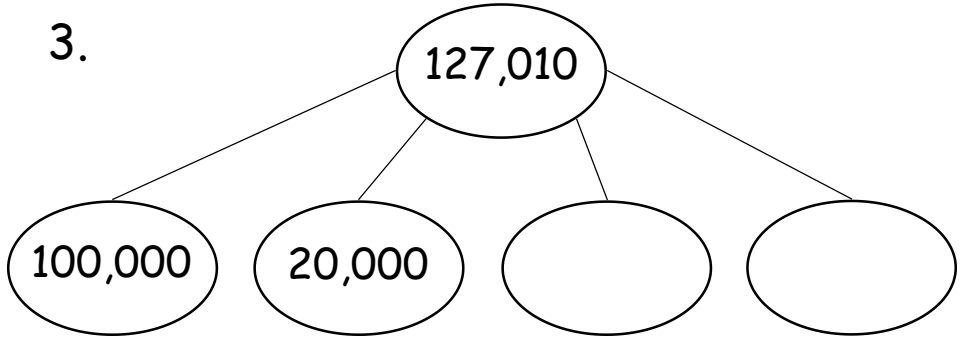
M	HTh	TTh	Th	H	T	O
	£100,000 £100,000 £100,000	£10,000 £10,000 £10,000 £10,000 £10,000			£10 £10 £10	£1 £1 £1 £1 £1 £1 £1

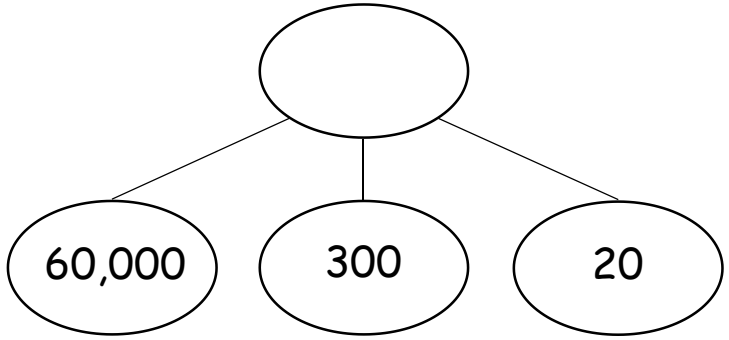
2. How much money does Jamilla have?

Jamilla has £ _____



3.





1) 300,000+50,000+30+7 = 350,037

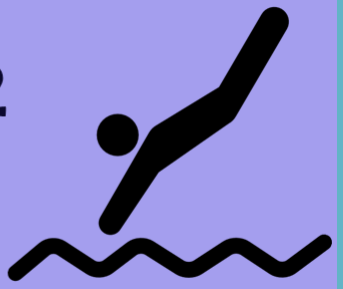
Bella has £350,037

2) 2,000,000+100,000+300+20= 2,100,320

Jamilla has £2,100,320

3) 7000 10 60,320

DIVE DEEPER 2



4. Complete these partitions.

a) 8,047 = 8,000 + 40 + _____

b) 30,429 = 30,000 + _____ + _____ + _____

c) 260,392 = _____ + _____ + _____ + _____ + _____

d) 720,000 + 3,500 + 70 + 2 = _____

e) 412 + 4,000,000 + _____ = 4,412,412

5. Complete the sentence.

a) 100 more than 3,098,728 is _____.

b) 1,000 more than 3,098,728 is _____.

c) 10,000 more than 3,098,728 is _____.

d) 1 million less than 3,098,728 is _____.

e) 100,000 less than 3,098,728 is _____.

What is this number?

- The number has 7 digits
- The ten-thousands digit is half the ones digit.
- The hundreds digit is 3 times the million digit.
- The total of all the digits is 20

Is there more than one solution?

4) a=7 b= 400+20+9 c= 200,000+60,000+300+90+2
d=723,572 e=412,000

5) a=3,098,828 b=3,099,728 c=3,108,728
d=2,098,728 e=2,998,728

7. Sort the numbers using the Carroll diagram below.

	Between 5 million and 10 million	Between 1 million and 5 million
Digits add to an even number		
Digits add to an odd number		

a. Eight million, six hundred thousand and forty-seven

b. 3,705,009

c. 5,025,001

d.

e. 4,905,106

3,009,450

1,951,558

Can you generate five of you own 7-digit numbers and place them?