

Y3 - Number and Place Value



<	>	=
less than	more than	equal to
294 < 300	294 > 200	294 = 200 + 90 + 4

hundred 100 ten 10 one 1

H	T	O
2	9	4
2	0	0
	9	0
		4

two hundred and ninety-four

H	T	O
2	9	4
9	2	4
2	4	9

ascending order:
249 294 924

descending order:
924 294 249

10 less 10 more

H	T	O
4	3	5

425 445

100 less 100 more

H	T	O
4	3	5

335 535

- 1 one
- 2 two
- 3 three
- 4 four
- 5 five
- 6 six
- 7 seven
- 8 eight
- 9 nine

- 11 eleven
- 12 twelve
- 13 thirteen
- 14 fourteen
- 15 fifteen
- 16 sixteen
- 17 seventeen
- 18 eighteen
- 19 nineteen

- 10 ten
- 20 twenty
- 30 thirty
- 40 forty
- 50 fifty
- 60 sixty
- 70 seventy
- 80 eighty
- 90 ninety

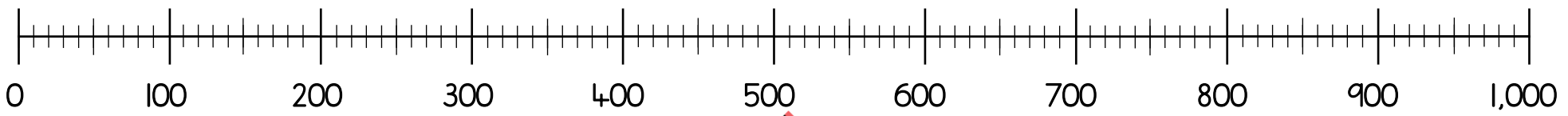
Multiples of 4: 4, 8, 12, 16, 20, 24, 30, 36, 40, 44, 48

Multiples of 8: 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

Multiples of 50: 50, 100, 150, 200, 250, 300, 350, 400, 450, 500

Multiples of 100: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

Numbers between from 21-99 need hyphens unless they are multiples of ten:
fifty-three
twenty-two



column addition

	H	T	O
	5	7	8
+	3	5	1
	9	2	9
	1		

column subtraction

	H	T	O
	4 5	12	8
-	3	5	1
	1	7	7

estimating answers

$$434 + 295$$

Rounded to the nearest thousand: $400 + 300 = 700$

The answer should be approximately 700

$$434 + 295 = 729$$



using the inverse operation to check answers

$$434 + 295 = 729$$

'inverse' means opposite, so check by subtracting one part from the whole.

729	
434	295

$$729 - 434 = 295$$

mentally add and subtract

a three-digit number and ones

$$434 + 5 = 439$$

$$434 - 3 = 431$$

a three-digit number and tens

$$464 + 30 = 494$$

$$464 - 40 = 424$$

a three-digit number and hundreds

$$743 + 200 = 943$$

$$743 - 300 = 443$$