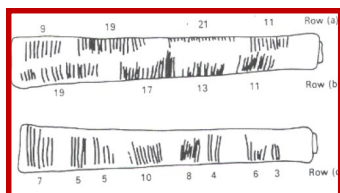


# How important have numbers been over time? KNOWLEDGE ORGANISER



What can evidence suggest about how prehistoric people counted?

0



How did ancient civilisations use numbers?

1	α	alpha	10	ι	iota	100	ρ	rho
2	β	beta	20	κ	kappa	200	σ	sigma
3	γ	gamma	30	λ	lambda	300	τ	tau
4	δ	delta	40	μ	mu	400	υ	upsilon
5	ε	epsilon	50	ν	nu	500	φ	phi
6	ϛ	digamma	60	ξ	xi	600	χ	chi
7	ζ	zeta	70	ο	omicron	700	ψ	psi
8	η	eta	80	π	pi	800	ω	omega
9	θ	theta	90	ϙ	koppa	900	Ϟ	sampi
10	ι	iota	100	ρ	rho	1000	α	hasta alpha

What symbols did they use?

Zero—where did it come from? How did it come about?

What contribution did the Ancient Greeks make?

Why were we still using Roman Numerals until the 12th century?

1	I	11	XI	50	L
2	II	12	XII	100	C
3	III	13	XIII	500	D
4	IV	14	XIV	1000	M
5	V	15	XV		
6	VI	16	XVI		
7	VII	17	XVII		
8	VIII	18	XVIII		
9	IX	19	XIX		
10	X	20	XX		



Negative numbers were first used in China.



Numbers as codes—why are they used?

What was the biggest influence of numbers in the 20th century?

Alan Turing—Enigma Code

## Key Vocabulary:

Century, decade, source, civilisations, monarchy

## Substantive Knowledge

Know that the development of the number system we use today was influenced by many cultures and that these number systems changed over time.

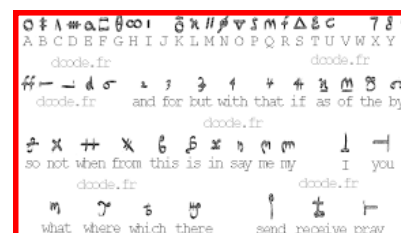
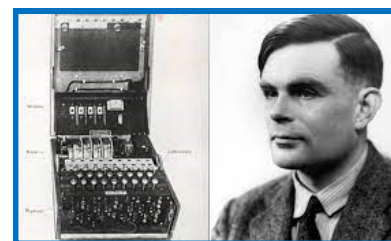
Understand how numbers could be used in trading and counting goods.

Know how secret codes were used during times of war.

## Disciplinary Knowledge:

Explain the cause and effects of different events. Explain how numbers have changed over time

Address and devise historically valid questions about change. How has counting changed?



Mary Queen of Scots Cipher code.

10	20	30	40	50	60	70	80	90	100
11	21	31	41	51	61	71	81	91	101
12	22	32	42	52	62	72	82	92	102
13	23	33	43	53	63	73	83	93	103
14	24	34	44	54	64	74	84	94	104
15	25	35	45	55	65	75	85	95	105
16	26	36	46	56	66	76	86	96	106
17	27	37	47	57	67	77	87	97	107
18	28	38	48	58	68	78	88	98	108
19	29	39	49	59	69	79	89	99	109

Sumerian/  
Babylonian numerals:

How did the abacus help with early counting?

How has it changed over time?

