

NAME: _____



STRETCH & CHALLENGE STARTER

Tell me everything you know about numbers.

e.g. Why do we have them? What is the highest and lowest number? Are there any rules to numbers?

SPACED LEARNING: Can you recall the smart rules and what they stand for?

S

M

A

R

T

NAME: _____

BINARY CONVERSION

1. CONVERTING BINARY TO DENARY

	PLACE VALUES:		8	4	2	1	
1.	1001	=					= _____
2.	1101	=					= _____
3.	1111	=					= _____
4.	0010	=					= _____
5.	101	=					= _____
6.	11111	=					= _____
7.	11011	=					= _____
8.	10101	=					= _____
9.	00110	=					= _____
10.	101010	=					= _____

2. CONVERTING DENARY TO BINARY

	PLACE VALUES:						
1.	4	=					= _____
2.	9	=					= _____
3.	12	=					= _____
4.	13	=					= _____
5.	15	=					= _____
6.	17	=					= _____
7.	21	=					= _____
8.	30	=					= _____
9.	45	=					= _____
10.	57	=					= _____

STRETCH & CHALLENGE: CONVERT THIS AND SHOW YOUR WORKING...

1	1	1	1	0	1	1	1	0	1	1	0
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