THE CYGENTA ACTIVITY BOOK 2

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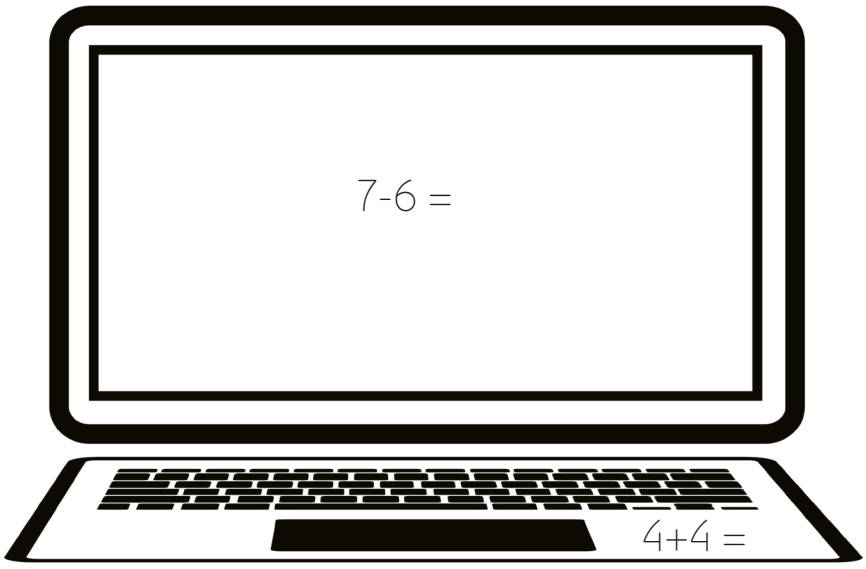
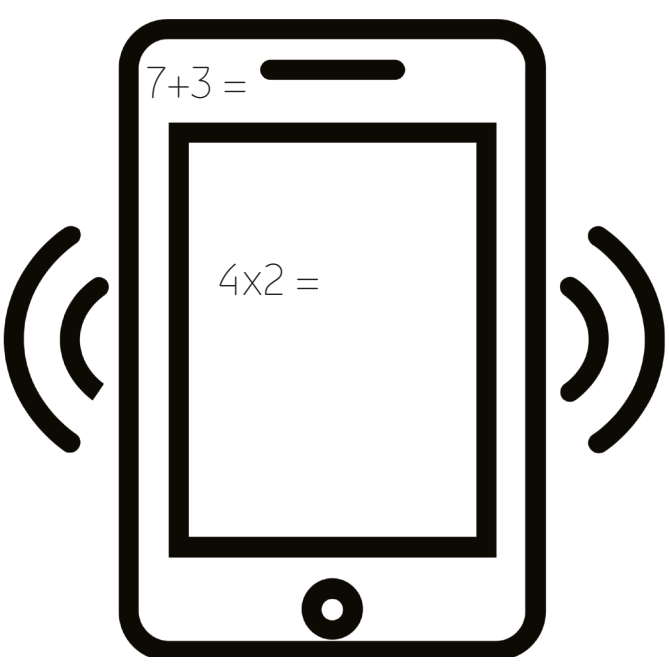
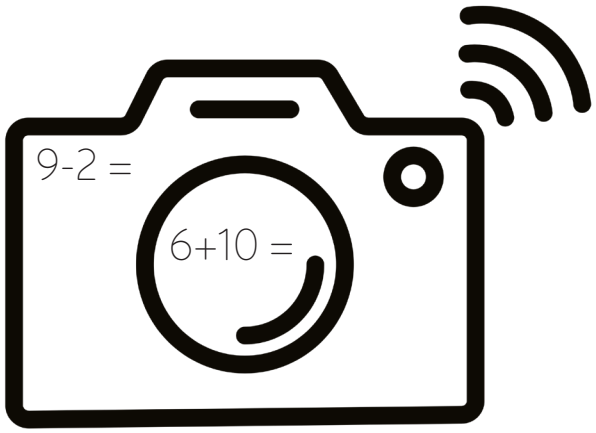
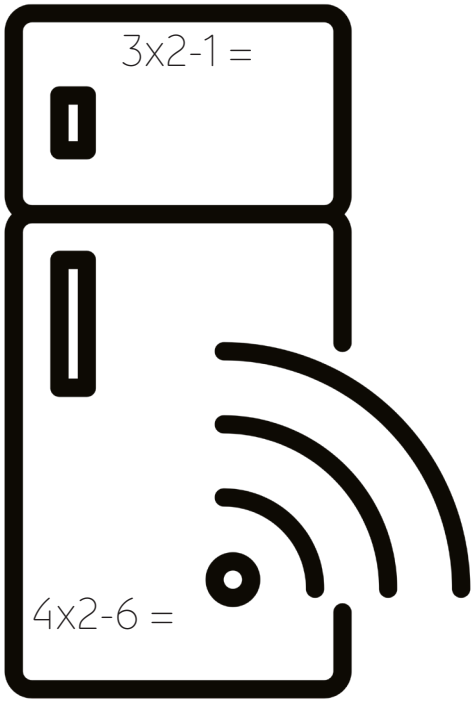
Internet of Things devices (known as IoT devices) is a common catchall name for day to day devices that have been given a way to connect to the internet. Can you work out the sums to colour in the IoT devices correctly?

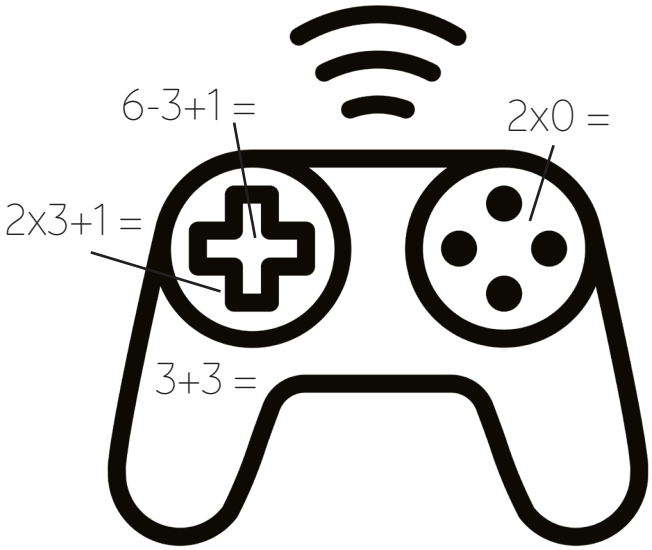


1	Purple
2	Blue
3	Brown
4	Black
5	Red
6	Green
7	Orange
8	Yellow
9	White
10	Pink





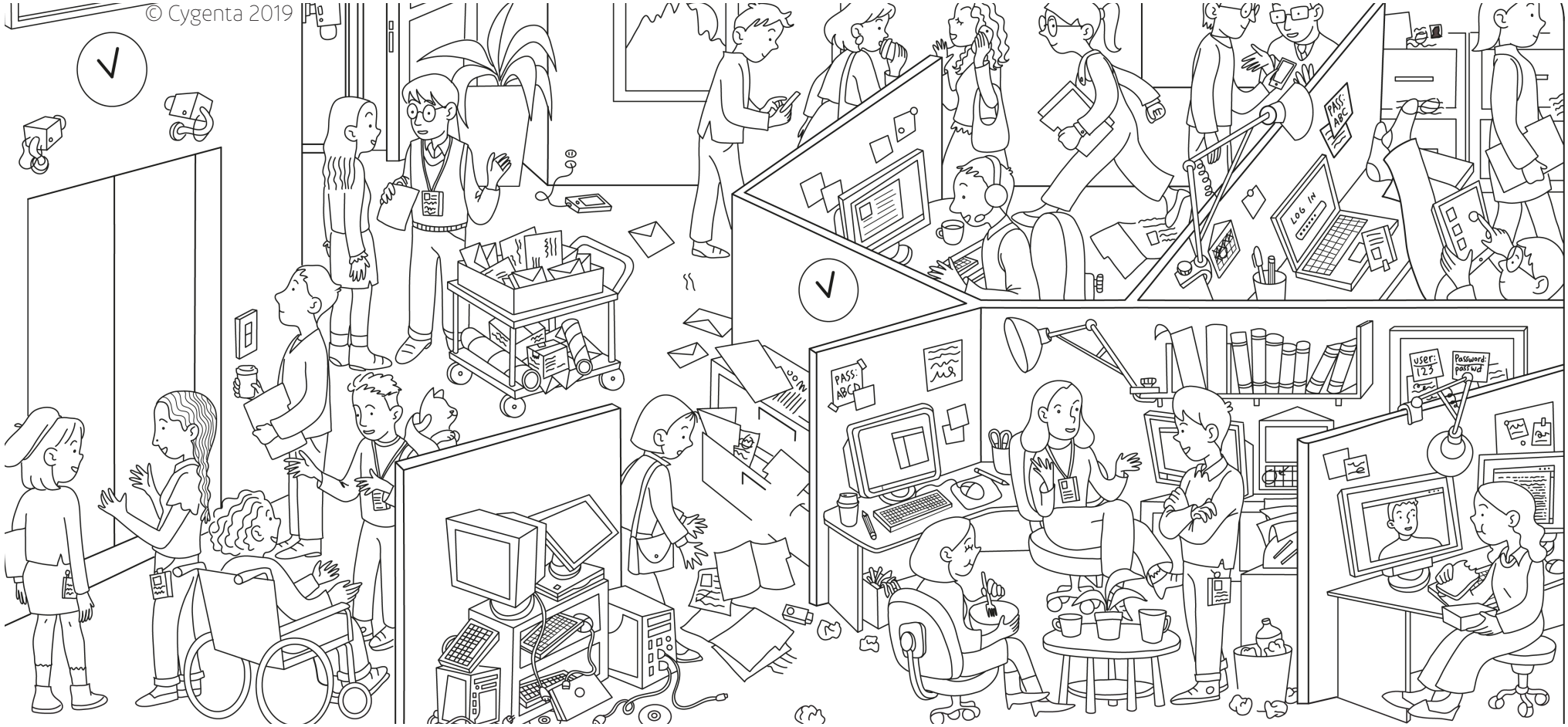




Colour in and find as many security issues as you can!

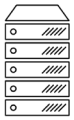
You may see someone eavesdropping, unlocked computer screens, identity badges dropped on the floor, mobile phones left alone and even people's passwords!

Tweet us @CygentaHQ to let us know any others that you find and don't forget to add #CygentaFun



Do you live in a smart home? That's where IoT devices are connected to the _____ to help you and your family stay connected at home. You can use your_____ or mobile phone to connect to IoT devices. You can then use your computer or mobile phone to turn on the coffee machine, change the station and volume on the _____, or turn _____ on and off!

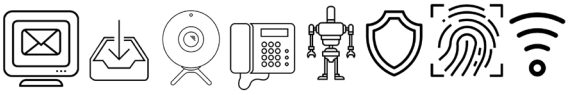
Using the codes below, work out the words that go into the paragraph above.

A	B	C	D	E	G	H	I	L	M
									

N	O	P	R	S	T	U	V	N	Y

_____

_____



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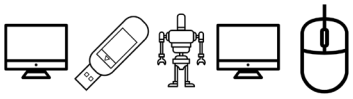


_____

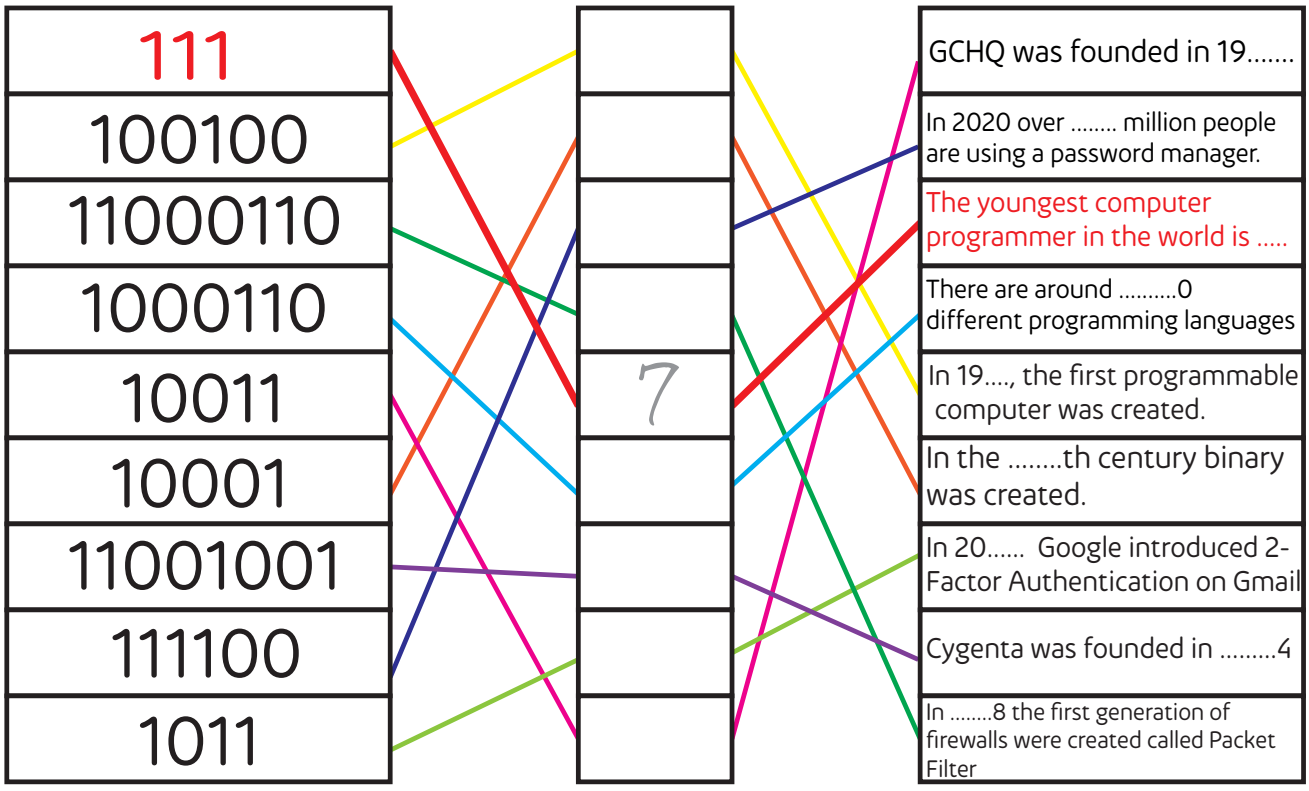
Binary is a code used in computers. It codes numbers into '1s' and '0's.

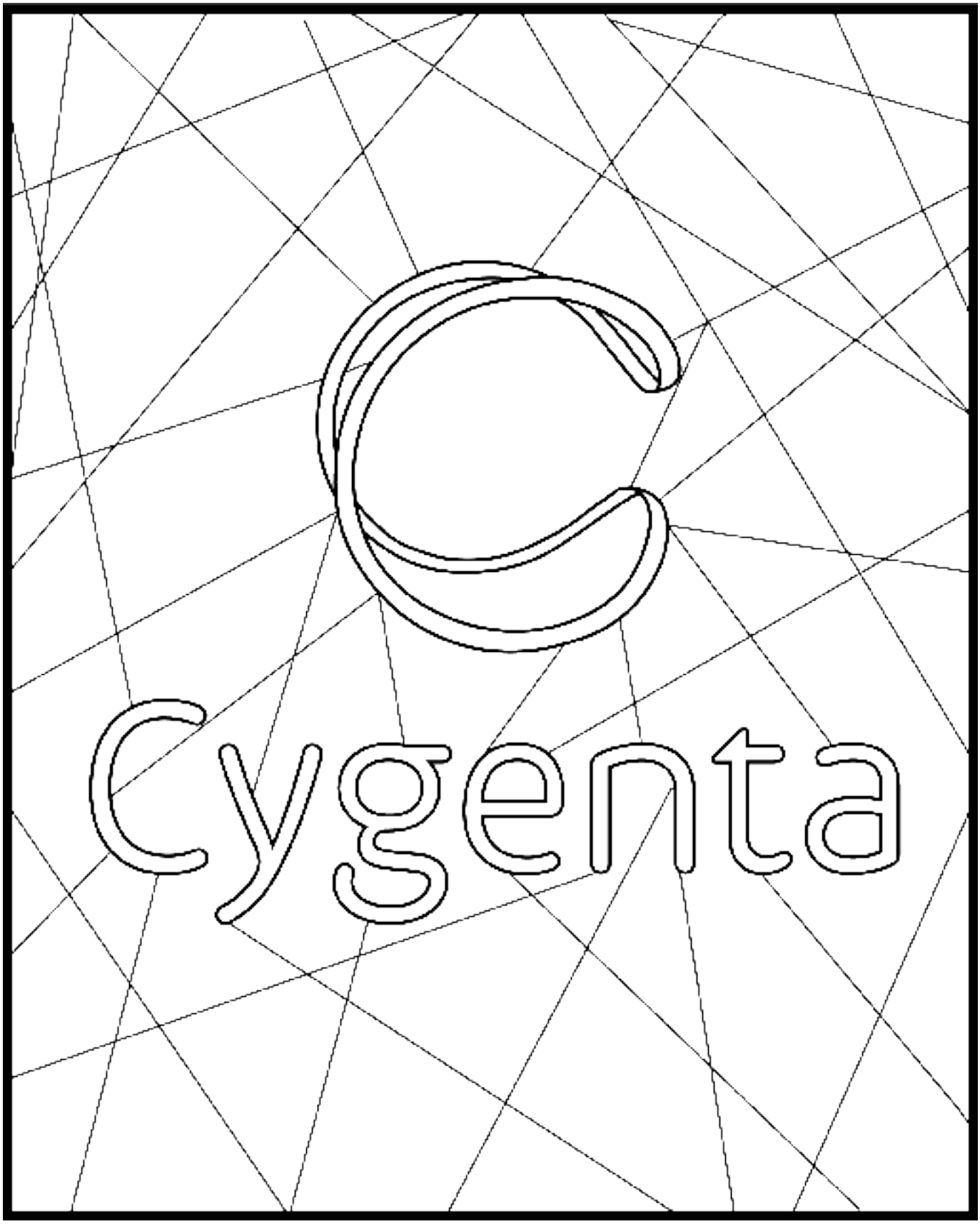
In order to complete the match up, you must decode the binary numbers in order to find out key cyber security related facts!

An example: We want to find out how old the youngest computer programmer in the world is. The binary code is '111'. In order to work out the actual number, you add the numbers together that are in the top colum above the binary code numbers. In this case you would do, 4+2+1 = 7

128	64	32	16	8	4	2	1	ANSWER
0	0	0	0	0	1	1	1	7
0	0	0	1	0	0	0	1	
0	0	1	0	0	1	0	0	
0	0	0	1	0	0	1	1	
0	0	0	0	1	0	1	1	
1	1	0	0	0	1	1	0	
0	1	0	0	0	1	1	0	
0	0	1	1	1	1	0	0	
1	1	0	0	1	0	0	1	

Write your answers here! Make sure you match them up with their original binary code and revel the answers!

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