



Converting Decimal Numbers to Binary Numbers



In this activity, you will practice converting decimal numbers to binary numbers. Using the information below, convert each decimal number into a binary number.

128	64	32	16	8	4	2	1
2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0

Example: $221 = 128 + 64 + 0 + 16 + 8 + 4 + 0 + 1 = 11011101$

1. $111 =$ _____

2. $229 =$ _____

3. $30 =$ _____

4. $233 =$ _____

5. $19 =$ _____

6. $84 =$ _____

7. $186 =$ _____

8. $55 =$ _____

9. $52 =$ _____

10. $79 =$ _____