Ex1

Thus, master Theorem

k = 0, b = 2, a = 1, and 1 =

Ex2

Thus, master Theorem

k = 1, b = 2, a = 2, and 2 =

Ex3

Thus, master Theorem

k = 0, b = 2, a = 2, and 2 >

Ex4

Thus, master Theorem

k = 0, b = 2, a = 2, and 2 >