perfect()

equivalence class	boundary value	valid return
a < 1	0	throws IllegalArgumentException
a = 1	1	false (1 is not perfect)
perfect numbers	6	true (6 is perfect)
non-perfect numbers	7	false (7 is not perfect)

getFactors()

equivalence class	boundary value	valid return
a > 1	2	[1]
a = 1	1	[] (empty list)
a = 0	0	[] (empty list)
a < 0	-1	throws IllegalArgumentException
(value with several factors)	(sample value): 12	[1,2,3,4,6]

factors()

equivalence class	boundary value	valid return
a < 0, b=2	-1, 2	Throws IllegalArgumentException
a < 0, b <1	-1, 0	Throws IllegalArgumentException
A = 10, b= 2	10, 2	true
A = 3, b= 2	3, 2	false
A > 1, b <1	2, 0	Throws IllegalArgumentException