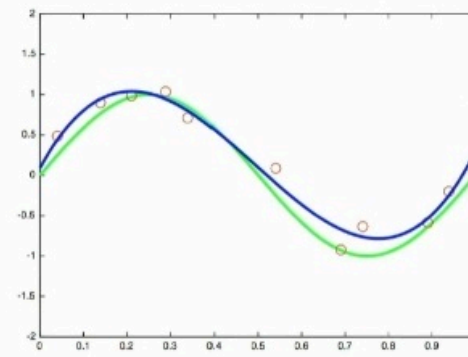
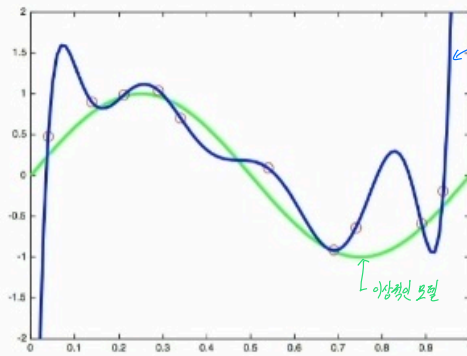


(a) $M = 1$



(b) $M = 3$

파라미터 개수 ('intercept'를 제외한 개수)



(c) $M = 9$

과도한 모델 (overfitted)

이상적인 모델

	$M = 0$	$M = 1$	$M = 3$	$M = 9$
w_0	0.1861	1.0977	0.0880	-8.1
w_1		-1.8913	9.9135	401.2
w_2			-29.8721	-6326.3
w_3			20.1642	49778.9
w_4				-222555.2
w_5				599603.0
w_6				-990507.7
w_7				980248.7
w_8				-532736.3
w_9				122122.1

overfitted 모델의 특징: 가중치가 매우 커짐.

(d)