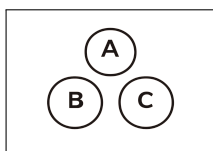
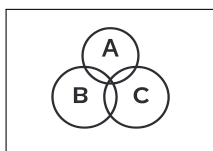


41 Inverse Trig Functions Inverse Properties

A



$$\cos(\cos^{-1}(1/2)) = \cos(\pi/3) = 1/2$$



$$\cos(\cos^{-1}(x)) = x$$



$$x = 1/2$$

$$\cos(\cos^{-1}((3x - 1)/2)) = (3x - 1)/2 = ?$$

41

Inverse Trig Functions Inverse Properties

A



$$x = 1/2$$

$$\cos(\cos^{-1}((3x - 1)/2)) = (3x - 1)/2 = 0.5/2 = 1/4$$