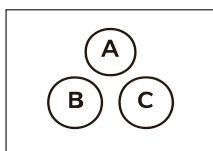


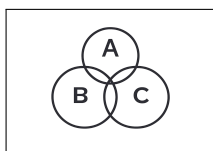
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Inverse Trig Functions Inverse Properties

B



$$\sin(\sin^{-1}(1/2)) = \sin(\pi/6) = 1/2$$



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



$$x = 1/2$$

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

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Inverse Trig Functions Inverse Properties

B



$$x = 1/2$$

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