

Asst:  $m^3 - 3m^2 + 6m$   
 $m(m^2 - 3m + 6)$

①  $90^\circ, 450^\circ, -270^\circ, 199, 341, 559, 701, -19, -161$

②  $\frac{49\pi}{180}, \frac{131\pi}{180}, \frac{-311\pi}{180}, \frac{-229\pi}{180}, \frac{37\pi}{30}, \frac{53\pi}{30}, \frac{-23\pi}{30}, \frac{-7\pi}{30}$

③  $0, \pm\frac{\pi}{2}, \pm\frac{3\pi}{2}, \pm 2\pi, \pm\frac{5\pi}{2}, \pm\frac{7\pi}{2}, \pm 4\pi, \pm\frac{2\pi}{3}, \pm\frac{4\pi}{3}, \pm\frac{8\pi}{3}, \pm\frac{10\pi}{3}$

④  $270^\circ, 630^\circ, -90^\circ, 30^\circ, 150^\circ, 390^\circ, 510^\circ, -330^\circ, -210^\circ$

⑤  $\frac{\pi}{3}, \frac{5\pi}{3}$

⑥ No Solutions

#3)  $\cos \theta (2\cos^2 \theta - \cos \theta - 1) = 0$

$\cos \theta (\cos \theta - 1)(2\cos \theta + 1) = 0$

$\cos \theta = 0$

$\cos \theta = 1$

$\cos \theta = \frac{-1}{2}$

## Attachments

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Worksheet - Sketching Angles in Radians.doc

Warm-Up - Intro to Limits.docx

Review - Factoring.pdf

Worksheet - Factoring Review.doc