



13.
$$r = \frac{1}{\sin \theta + \cos \theta}$$
 $r = \frac{2}{3\sin \theta - 2\cos \theta}$

$$\frac{-1}{\sin \theta + \cos \theta} = \frac{2}{3\sin \theta - 2\cos \theta}$$

$$-3\sin \theta + 2\cos \theta = 2\sin \theta + 2\cos \theta$$

$$0 = 5\sin \theta$$

$$\sin \theta = 0$$

$$\sin \theta =$$

15.
$$r = \theta$$
 is an example.
 $(r, \theta) \checkmark but (-r, \theta + k\pi)$
 $-r = \theta + \pi$ when $k = 1$
 $-r = \pi$:
 $r = -\pi$ not the Same as $r = \theta$

2mprepoints.
$$1-\sin\theta = -\cos 2(\theta + \pi)$$
) see ident in $\frac{1-\sin\theta}{\pi} = -1 + 2\sin^{2}\theta$
 $\frac{1-\sin\theta}{\pi} = -1 + 2\sin^{2}\theta$
 $\frac{3\sin^{2}x + \sin x - 2}{\pi} = 0$ For anal familia = $\frac{2}{1}b = 1/6=2$
 $\frac{\sin^{2}(-1+\sqrt{17})}{\pi} = .8959$
 $\frac{1-\sin^{2}\theta}{\pi} = -.2192$
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