$$20 \quad 2\sin\frac{x}{3} + \sqrt{3} = 0 \qquad [-\pi + 6k\pi; 4\pi + 6k\pi]$$

$$5\sin\frac{x}{3} = -\frac{\pi}{3} + 2K\pi \qquad \sqrt{\frac{x}{3}} = \pi - (-\frac{\pi}{3}) + 2k\pi$$

$$x = -\pi + 6K\pi \qquad \sqrt{\frac{x}{3}} = \pi - (-\frac{\pi}{3}) + 2k\pi$$

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$$x = \pi + (-\frac$$

$$\cos x = \frac{\sqrt{6} + \sqrt{2}}{4}$$
 $x = \pm \frac{\pi}{12} + 2k\pi$ $(x = \pm 15^{\circ} + k360^{\circ})$

$$2\cos x + 2 = \cos x + 2\sin\frac{\pi}{2} \qquad \left[\frac{\pi}{2} + k\pi\right]$$

$$2(a) \times -(a) \times = -2 + 2$$

$$(a) \times = 0 \qquad \times = \pm \frac{\pi}{2} + 2 \times \pi$$

$$\times = \frac{\pi}{2} + K \pi \qquad \text{Lo Stesso}$$

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$$\frac{69}{2} 2\cos\left(x + \frac{\pi}{6}\right) + 1 = 0 \qquad \left[\frac{\pi}{2} + 2k\pi; -\frac{5}{6}\pi + 2k\pi\right]$$

$$x + \frac{\pi}{6} = \pm \frac{2}{3}\pi + 2k\pi \qquad \forall \quad x = -\frac{2}{3}\pi - \frac{\pi}{6} + 2k\pi$$

$$x = \frac{2}{3}\pi - \frac{\pi}{6} + 2k\pi \qquad \forall \quad x = -\frac{5}{6}\pi + 2k\pi$$

$$x = \frac{\pi}{2} + 2k\pi \qquad \forall \quad x = -\frac{5}{6}\pi + 2k\pi$$

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$$x = \frac{\pi}{2} + 2k\pi$$

$$x =$$

$$2 \times + \frac{\pi}{5} = 5 \times + \frac{\pi}{2} + 2k\pi \qquad \forall \qquad 2 \times + \frac{\pi}{5} = \pi - \left(5 \times + \frac{\pi}{2}\right) + 2k\pi$$

$$-3 \times = \frac{\pi}{2} - \frac{\pi}{5} + 2k\pi \qquad \forall \qquad 2 \times + \frac{\pi}{5} = \pi - 5 \times - \frac{\pi}{2} + 2k\pi$$

$$-3 \times = \frac{5\pi - 2\pi}{40} + 2k\pi \qquad \forall \qquad 2 \times + 5 \times = \frac{\pi}{2} - \frac{\pi}{5} + 2k\pi$$

$$-3 \times = \frac{3}{40} \pi + 2k\pi \qquad \forall \qquad 2 \times + 5 \times = \frac{\pi}{2} - \frac{\pi}{5} + 2k\pi$$

$$\times = -\frac{\pi}{10} + \frac{2}{3}k\pi \qquad \forall \qquad \times = \frac{3}{40}\pi + \frac{2}{3}k\pi$$

$$\times = -\frac{\pi}{10} + \frac{2}{3}k\pi \qquad \forall \qquad \times = \frac{3}{40}\pi + \frac{2}{3}k\pi$$

$$\sin\left(2x - \frac{2}{9}\pi\right) = -\cos\left(3x + \frac{5}{3}\pi\right)$$

$$\sin\left(-a\right) = -\sin a$$

$$\sin\left(\frac{2}{3}\pi - 2x\right) = -\cos\left(3x + \frac{5}{3}\pi\right)$$

$$-\sin\left(\frac{2}{3}\pi - 2x\right) = -\cos\left(3x + \frac{5}{3}\pi\right)$$

$$\sin\left(\frac{2}{3}\pi - 2x\right) = \sin\left(\frac{\pi}{2} - 3x + \frac{5}{3}\pi\right)$$

$$\sin\left(\frac{\pi}{2} - a\right) = \cos a$$

$$\sin\left(\frac{2}{3}\pi - 2x\right) = \sin\left(\frac{\pi}{2} - 3x + \frac{5}{3}\pi\right)$$

$$\sin\left(\frac{2}{3}\pi - 2x\right) = \sin\left(\frac{\pi}{2} - 3x + \frac{5}{3}\pi\right)$$

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$$\sin\left(\frac{\pi}{2} - 3x + \frac{5}{3}\pi\right)$$

$$\cos\left(\frac{\pi}{2} - 3x + \frac{5}{3}\pi\right)$$

$$\cos\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right) + 2\pi \sin\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right)$$

$$\cos\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right) + 2\pi \sin\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right)$$

$$\cos\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right) + 2\pi \sin\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right)$$

$$\cos\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right) + 2\pi \sin\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right)$$

$$\cos\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right) + 2\pi \sin\left(\frac{\pi}{2} - 3x + \frac{7}{3}\pi\right)$$