

Start

$$\frac{(\cos 2x + i \sin 2x)^7}{(\cos 4x + i \sin 4x)^3}$$

$\cos 11x + i \sin 11x$	$\left(\cos \frac{\pi}{6} + i \sin \frac{\pi}{6}\right)^5$	$-\frac{\sqrt{3}}{2} + \frac{i}{2}$	1	$\left(\cos \frac{2\pi}{5} + i \sin \frac{2\pi}{5}\right)^5$	$\cos 2x + i \sin 2x$
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$\frac{\cos 5x + i \sin 5x}{(\cos 3x - i \sin 3x)^2}$
$\cos x + i \sin x$

$\frac{\cos 5x + i \sin 5x}{(\cos 2x + i \sin 2x)^2}$	$-\frac{1}{2} + \frac{\sqrt{3}i}{2}$	$\left(\cos \frac{\pi}{3} + i \sin \frac{\pi}{3}\right)^8$	$\cos 6x + i \sin 6x$	$(\cos x + i \sin x)^6$	$\cos 6x - i \sin 6x$
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$\frac{1}{(\cos 2x + i \sin 2x)^3}$
i

Finish	$\cos x - i \sin x$	$\frac{(\cos 2x + i \sin 2x)^4}{(\cos 3x + i \sin 3x)^3}$	$(\cos 3x + i \sin 3x)^4$	$\cos 12x + i \sin 12x$	$\left(\cos \frac{\pi}{10} - i \sin \frac{\pi}{10}\right)^{15}$
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