9.1B

Use the angle sum or difference identity to find the exact value of each.

21) $\sin -105°$

22) $\cos 195°$

23) $\cos \frac{7\pi}{12}$

24) $\tan \frac{13\pi}{12}$

25) $\sin \frac{\pi}{12}$

26) $\cos -\frac{7\pi}{12}$

Answers:

Use the angle sum or difference identity to find the exact value of each.

21) $\sin -105°$

$\frac{-\sqrt{6}-\sqrt{2}}{4}$

22) $\cos 195°$

$\frac{-\sqrt{6}-\sqrt{2}}{4}$

23) $\cos \frac{7\pi}{12}$

$\frac{\sqrt{2}-\sqrt{6}}{4}$

24) $\tan \frac{13\pi}{12}$

$2-\sqrt{3}$

25) $\sin \frac{\pi}{12}$

$\frac{\sqrt{6}-\sqrt{2}}{4}$

26) $\cos -\frac{7\pi}{12}$

$\frac{\sqrt{2}-\sqrt{6}}{4}$

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