Name:

Date:

Evaluating Each Trigonometric Function

Find the exact value of each trigonometric function.

1) $\sin 330° =$

2) $\cos 330° =$

3) $\tan 120° =$

4) $\cos \frac{7\pi}{4} =$

5) $\cot 225° =$

6) $\sin \frac{5\pi}{3} =$

7) $\sin 150° =$

8) $\cos 480° =$

9) $\tan 225° =$

10) $\tan \frac{9\pi}{4} =$

11) $\cos \frac{17\pi}{6} =$

12) $\sin \frac{10\pi}{3} =$

13) $\cos 675° =$

14) $\tan \frac{8\pi}{3} =$

15) $\sin 225° =$

16) $\sin(-\frac{5\pi}{4}) =$

17) $\cos(-\frac{13\pi}{6}) =$

18) $\sin 390° =$

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Name:

Date:

Evaluating Each Trigonometric Function

Answers

Find the exact value of each trigonometric function.

1) $\sin 330° = -\frac{1}{2}$

2) $\cos 330° = \frac{\sqrt{3}}{2}$

3) $\tan 120° = -\sqrt{3}$

4) $\cos \frac{7\pi}{4} = \frac{\sqrt{2}}{2}$

5) $\cot 225° = +1$

6) $\sin \frac{5\pi}{3} = -\frac{\sqrt{3}}{2}$

7) $\sin 150° = \frac{1}{2}$

8) $\cos 480° = -\frac{1}{2}$

9) $\tan 225° = +1$

10) $\tan \frac{9\pi}{4} = +1$

11) $\cos \frac{17\pi}{6} = -\frac{1}{2}$

12) $\sin \frac{10\pi}{3} = -\frac{\sqrt{3}}{2}$

13) $\cos 675° = \frac{\sqrt{2}}{2}$

14) $\tan \frac{8\pi}{3} = -\sqrt{3}$

15) $\sin 225° = -\frac{\sqrt{2}}{2}$

16) $\sin(-\frac{5\pi}{4}) = \frac{\sqrt{2}}{2}$

17) $\cos(-\frac{13\pi}{6}) = \frac{\sqrt{3}}{2}$

18) $\sin 390° = \frac{1}{2}$

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