

1. Find the exact value of the sine, cosine, and tangent of 300° .

[A] $\sin = -\frac{\sqrt{3}}{2}$; $\cos = -\frac{1}{2}$; $\tan = -\frac{\sqrt{3}}{3}$

[B] $\sin = \frac{\sqrt{3}}{2}$; $\cos = \frac{1}{2}$; $\tan = \sqrt{3}$

[C] $\sin = -\frac{\sqrt{3}}{2}$; $\cos = \frac{1}{2}$; $\tan = -\sqrt{3}$

[D] $\sin = \frac{\sqrt{3}}{2}$; $\cos = -\frac{1}{2}$; $\tan = \frac{\sqrt{3}}{3}$

2. Find the exact value of the sine, cosine, and tangent of -240° .

[A] $\sin = -\frac{\sqrt{3}}{2}$; $\cos = \frac{1}{2}$; $\tan = \frac{\sqrt{3}}{3}$

[B] $\sin = \frac{\sqrt{3}}{2}$; $\cos = -\frac{1}{2}$; $\tan = -\sqrt{3}$

[C] $\sin = -\frac{\sqrt{3}}{2}$; $\cos = -\frac{1}{2}$; $\tan = \sqrt{3}$

[D] $\sin = \frac{\sqrt{3}}{2}$; $\cos = \frac{1}{2}$; $\tan = -\frac{\sqrt{3}}{3}$

3. Find the exact value of the sine, cosine, and tangent of -45° .

[A] $\sin = \frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = 1$

[B] $\sin = \frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = 1$

[C] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = -1$

[D] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = -1$

4. Find the exact value of the sine, cosine, and tangent of 150° .

[A] $\sin = \frac{1}{2}$; $\cos = \frac{\sqrt{3}}{2}$; $\tan = -\sqrt{3}$

[B] $\sin = \frac{1}{2}$; $\cos = -\frac{\sqrt{3}}{2}$; $\tan = -\frac{\sqrt{3}}{3}$

[C] $\sin = -\frac{1}{2}$; $\cos = -\frac{\sqrt{3}}{2}$; $\tan = \frac{\sqrt{3}}{3}$

[D] $\sin = -\frac{1}{2}$; $\cos = \frac{\sqrt{3}}{2}$; $\tan = \sqrt{3}$

5. Find the exact value of the sine, cosine, and tangent of 30° .

[A] $\sin = \frac{1}{2}$; $\cos = -\frac{\sqrt{3}}{2}$; $\tan = \sqrt{3}$

[B] $\sin = -\frac{1}{2}$; $\cos = -\frac{\sqrt{3}}{2}$; $\tan = -\sqrt{3}$

[C] $\sin = \frac{1}{2}$; $\cos = \frac{\sqrt{3}}{2}$; $\tan = \frac{\sqrt{3}}{3}$

[D] $\sin = -\frac{1}{2}$; $\cos = \frac{\sqrt{3}}{2}$; $\tan = -\frac{\sqrt{3}}{3}$

6. Find the exact value of the sine, cosine, and tangent of -120° .

[A] $\sin = \frac{\sqrt{3}}{2}$; $\cos = -\frac{1}{2}$; $\tan = -\sqrt{3}$

[B] $\sin = -\frac{\sqrt{3}}{2}$; $\cos = \frac{1}{2}$; $\tan = \frac{\sqrt{3}}{3}$

[C] $\sin = -\frac{\sqrt{3}}{2}$; $\cos = -\frac{1}{2}$; $\tan = \sqrt{3}$

[D] $\sin = \frac{\sqrt{3}}{2}$; $\cos = \frac{1}{2}$; $\tan = -\frac{\sqrt{3}}{3}$

7. Find the exact value of the sine, cosine, and tangent of 315° .

[A] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = -1$

[B] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = -1$

[C] $\sin = \frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = 1$

[D] $\sin = \frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = 1$

8. Find the exact value of the sine, cosine, and tangent of -135° .

[A] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = 1$

[B] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = 1$

[C] $\sin = \frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = -1$

[D] $\sin = \frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = -1$

9. Find the exact value of the sine, cosine, and tangent of 330° .

[A] $\sin = \frac{1}{2}$; $\cos = -\frac{\sqrt{3}}{2}$; $\tan = \sqrt{3}$

[B] $\sin = -\frac{1}{2}$; $\cos = -\frac{\sqrt{3}}{2}$; $\tan = -\sqrt{3}$

[C] $\sin = \frac{1}{2}$; $\cos = \frac{\sqrt{3}}{2}$; $\tan = \frac{\sqrt{3}}{3}$

[D] $\sin = -\frac{1}{2}$; $\cos = \frac{\sqrt{3}}{2}$; $\tan = -\frac{\sqrt{3}}{3}$

10. Find the exact value of the sine, cosine, and tangent of -225° .

[A] $\sin = \frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = -1$

[B] $\sin = \frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = -1$

[C] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = -\frac{\sqrt{2}}{2}$; $\tan = 1$

[D] $\sin = -\frac{\sqrt{2}}{2}$; $\cos = \frac{\sqrt{2}}{2}$; $\tan = 1$

11. Find the exact value of the sine, cosine, and tangent of 855° .

12. Find the exact value of the sine, cosine, and tangent of -660° .

13. Find the exact value of the sine, cosine, and tangent of -780° .
14. Find the exact value of the sine, cosine, and tangent of 585° .
15. Find the exact value of the sine, cosine, and tangent of 840° .
16. Find the exact value of the sine, cosine, and tangent of -600° .
17. Find the exact value of the sine, cosine, and tangent of -570° .
18. Find the exact value of the sine, cosine, and tangent of 750° .
19. Find the exact value of the sine, cosine, and tangent of 870° .
20. Find the exact value of the sine, cosine, and tangent of -675° .