Task card 1 Unit Circle Exact Values

Find the exact value of sin(240°).

Task card 2 Unit Circle Exact Values

Find the exact value of cos(135°).

Task card 3 Unit Circle Exact Values

Find the exact value of tan(180°).

Task card 4 Unit Circle Exact Values

Find the exact value of sin(150°).

Task card 5 Unit Circle Exact Values

Find the exact value of tan(30°).

Task card 6 Unit Circle Exact Values

Find the exact value of cos(30°).

Task card 7 Unit Circle Exact Values

Find the exact value of cos(45°).

Task card 8 Unit Circle Exact Values

Find the exact value of tan(330°).

Task card 9 Unit Circle Exact Values

Find the exact value of sin(45°).

Task card 10 Unit Circle Exact Values

Find the exact value of tan(315°).

Task card 11 Unit Circle Exact Values

Find the exact value of cos(0°).

Task card 12 Unit Circle Exact Values

Find the exact value of tan(135°).

Task card 13 Unit Circle Exact Values

Find the exact value of tan(60°).

Task card 14 Unit Circle Exact Values

Find the exact value of cos(150°).

Task card 15 Unit Circle Exact Values

Find the exact value of cos(315°).

Task card 16 Unit Circle Exact Values

Find the exact value of cos(90°).

Task card 17 Unit Circle Exact Values

Find the exact value of sin(330°).

Task card 18 Unit Circle Exact Values

Find the exact value of cos(270°).

Task card 19 Unit Circle Exact Values

Find the exact value of $\cos(300°)$.

Task card 20 Unit Circle Exact Values

Find the exact value of $\sin(315°)$.

Task card 21 Unit Circle Exact Values

Find the exact value of $\sin(210°)$.

Task card 22 Unit Circle Exact Values

Find the exact value of $\tan(270°)$.

Task card 23 Unit Circle Exact Values

Find the exact value of $\cos(240°)$.

Task card 24 Unit Circle Exact Values

Find the exact value of $\sin(225°)$.

Unit Circle Exact Values Task Cards

Recording sheet · Grade 12 · Give the exact value. Write "undefined" if the value is undefined.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Unit Circle Exact Values Task Cards: Answer Key

Grade 12 · Hard

The answers online

1. $-\frac{\sqrt{3}}{2}$	**2.** $-\frac{\sqrt{2}}{2}$	**3.** 0
4. $\frac{1}{2}$	**5.** $\frac{\sqrt{3}}{3}$	**6.** $\frac{\sqrt{3}}{2}$
7. $\frac{\sqrt{2}}{2}$	**8.** $-\frac{\sqrt{3}}{3}$	**9.** $\frac{\sqrt{2}}{2}$
10. -1	**11.** 1	**12.** -1
13. $\sqrt{3}$	**14.** $-\frac{\sqrt{3}}{2}$	**15.** $\frac{\sqrt{2}}{2}$
16. 0	**17.** $-\frac{1}{2}$	**18.** 0
19. $\frac{1}{2}$	**20.** $-\frac{\sqrt{2}}{2}$	**21.** $-\frac{1}{2}$
22. undefined	**23.** $-\frac{1}{2}$	**24.** $-\frac{\sqrt{2}}{2}$