CONNECTICUT PRECALCULUS · UNIT 2 · 10 QUESTIONS

Trigonometry — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A point on the terminal side of an angle is (3, 4). The sine of the angle is**

- **A** $\frac{3}{5}$
- **B** $\frac{4}{3}$
- **C** $\frac{4}{5}$
- **D** $\frac{3}{4}$

Understand It with Pulse | Flag a mistake

2 **A point on the terminal side of an angle is (5, 12). The sine of the angle is**

- **A** $\frac{5}{13}$
- **B** $\frac{12}{5}$
- **C** $\frac{5}{12}$
- **D** $\frac{12}{13}$

Understand It with Pulse | Flag a mistake

3 **A point on the terminal side of an angle is (8, 15). The sine of the angle is**

- **A** $\frac{15}{17}$
- **B** $\frac{8}{17}$
- **C** $\frac{15}{8}$
- **D** $\frac{8}{15}$

Understand It with Pulse | Flag a mistake

4 **A point on the terminal side of an angle is (6, 8). The sine of the angle is**

- **A** $\frac{6}{10}$
- **B** $\frac{8}{10}$
- **C** $\frac{8}{6}$
- **D** $\frac{6}{8}$

Understand It with Pulse | Flag a mistake

5 **A point on the terminal side of an angle is (9, 12). The sine of the angle is**

- **A** $\frac{9}{15}$
- **B** $\frac{12}{9}$
- **C** $\frac{12}{15}$
- **D** $\frac{9}{12}$

Understand It with Pulse | Flag a mistake

6 **A point on the terminal side of an angle is (3, 4). The cosine of the angle is**

- **A** $\frac{4}{5}$
- **B** $\frac{3}{4}$
- **C** $\frac{4}{3}$
- **D** $\frac{3}{5}$

Understand It with Pulse | Flag a mistake

7 **A point on the terminal side of an angle is (5, 12). The cosine of the angle is**

- **A** $\frac{5}{13}$
- **B** $\frac{12}{13}$
- **C** $\frac{5}{12}$
- **D** $\frac{12}{5}$

Understand It with Pulse | Flag a mistake

8 **A point on the terminal side of an angle is (8, 15). The cosine of the angle is**

- **A** $\frac{15}{17}$
- **B** $\frac{8}{17}$
- **C** $\frac{8}{15}$
- **D** $\frac{15}{8}$

Understand It with Pulse | Flag a mistake

9 **A point on the terminal side of an angle is (6, 8). The cosine of the angle is**

- **A** $\frac{8}{10}$
- **B** $\frac{6}{8}$
- **C** $\frac{6}{10}$
- **D** $\frac{8}{6}$

Understand It with Pulse | Flag a mistake

10 **A point on the terminal side of an angle is (9, 12). The cosine of the angle is**

A $\frac{12}{15}$

B $\frac{9}{12}$

C $\frac{12}{9}$

D $\frac{9}{15}$

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	C	**5.**	C	**9.**	C
2.	D	**6.**	D	**10.**	D
3.	A	**7.**	A		
4.	B	**8.**	B		

© 2026 Brett Robbins. All Rights Reserved.