

Test Practice

9. Rewrite $\frac{17\pi}{18}$ in degree form.

A 85°

B 155°

C 170°

D 340°

10. Find $\log_7 52$.

F 0.49

G 0.87

H 2.03

J 7.43

11. Find the amplitude and period of the graph of $y = 7 \cos \left(3x + \frac{\pi}{6} \right)$.

A $3, \frac{\pi}{3}$

B $7, \frac{\pi}{6}$

C $3, \frac{2\pi}{3}$

D $7, \frac{2\pi}{3}$

12. Find the exact value of $\arcsin \left(-\frac{\sqrt{2}}{2} \right)$.

F $\frac{\pi}{4}$

G $\frac{3\pi}{4}$

H $\frac{5\pi}{4}$

J $\frac{7\pi}{4}$

13. Solve $x^3 - 4x > 0$.

A $(-2, 0) \cup (2, \infty)$

C $(-2, 0)$

B $(-\infty, -2) \cup (0, 2)$

D $(0, 2)$