

Goniometria - Esercizi

Converti in radianti le seguenti misure di angoli espresse in gradi:

1)	10°	55°	75°	88°	$[\frac{\pi}{18}, \frac{11}{36}\pi, \frac{5}{12}\pi, \frac{22}{45}\pi]$
2)	12°	80°	215°	410°	$[\frac{\pi}{15}, \frac{4}{9}\pi, \frac{43}{36}\pi, \frac{41}{18}\pi]$
3)	25°	100°	280°	520°	$[\frac{5}{36}\pi, \frac{5}{9}\pi, \frac{14}{9}\pi, \frac{26}{9}\pi]$
4)	72°	110°	310°	540°	$[\frac{2}{5}\pi, \frac{11}{18}\pi, \frac{31}{18}\pi, 3\pi]$
5)	48°	120°	325°	600°	$[\frac{4}{15}\pi, \frac{2}{3}\pi, \frac{65}{36}\pi, \frac{10}{3}\pi]$
6)	21°	140°	355°	700°	$[\frac{7}{60}\pi, \frac{7}{9}\pi, \frac{71}{36}\pi, \frac{35}{9}\pi]$
7)	81°	160°	24°	218°	$[\frac{9}{20}\pi, \frac{8}{9}\pi, \frac{2}{15}\pi, \frac{109}{90}\pi]$
8)	40°	290°	243°	92°	$[\frac{2}{9}\pi, \frac{29}{18}\pi, \frac{27}{20}\pi, \frac{23}{45}\pi]$

Converti le seguenti misure di angoli, espresse in radianti, in gradi:

9)	$\frac{\pi}{10}$	$\frac{\pi}{18}$	$\frac{\pi}{5}$	$[18^\circ, 10^\circ, 36^\circ]$
10)	$\frac{\pi}{6}$	$\frac{\pi}{9}$	$\frac{\pi}{20}$	$[30^\circ, 20^\circ, 9^\circ]$
11)	$\frac{3}{10}\pi$	$\frac{5}{18}\pi$	$\frac{2}{5}\pi$	$[54^\circ, 50^\circ, 72^\circ]$
12)	$\frac{5}{6}\pi$	$\frac{4}{9}\pi$	$\frac{7}{20}\pi$	$[150^\circ, 80^\circ, 63^\circ]$
13)	$\frac{11}{10}\pi$	$\frac{23}{18}\pi$	$\frac{7}{5}\pi$	$[198^\circ, 230^\circ, 252^\circ]$
14)	$\frac{13}{6}\pi$	$\frac{11}{9}\pi$	$\frac{31}{20}\pi$	$[390^\circ, 220^\circ, 279^\circ]$
15)	3π	$\frac{5}{2}\pi$	$\frac{7}{3}\pi$	$[540^\circ, 450^\circ, 420^\circ]$
16)	$\frac{21}{4}\pi$	$\frac{13}{3}\pi$	$\frac{11}{2}\pi$	$[945^\circ, 780^\circ, 990^\circ]$
17)	5π	$\frac{3}{2}\pi$	$\frac{10}{3}\pi$	$[900^\circ, 270^\circ, 600^\circ]$
18)	$\frac{27}{4}\pi$	$\frac{16}{3}\pi$	$\frac{9}{2}\pi$	$[1215^\circ, 960^\circ, 810^\circ]$
19)	4π	$\frac{6}{5}\pi$	$\frac{3}{5}\pi$	$[720^\circ, 216^\circ, 108^\circ]$
20)	$\frac{11}{3}\pi$	$\frac{17}{5}\pi$	$\frac{7}{8}\pi$	$[660^\circ, 612^\circ, 157,5^\circ]$