

Chapter 5: Conversion of Degrees into Radians - Worksheet & Review

Objective: I can convert degree measures to radians and express each result as an exact multiple of π .

1. Convert 0° to radians. Give the exact answer in terms of π .	2. Convert 15° to radians. Give the exact answer in terms of π .
3. Convert 18° to radians. Give the exact answer in terms of π .	4. Convert 20° to radians. Give the exact answer in terms of π .
5. Convert $\frac{45^\circ}{2}$ to radians. Give the exact answer in terms of π .	6. Convert 24° to radians. Give the exact answer in terms of π .
7. Convert 30° to radians. Give the exact answer in terms of π .	8. Convert 36° to radians. Give the exact answer in terms of π .
9. Convert 40° to radians. Give the exact answer in terms of π .	10. Convert 45° to radians. Give the exact answer in terms of π .

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11. Convert 54° to radians. Give the exact answer in terms of π .	12. Convert 60° to radians. Give the exact answer in terms of π .
13. Convert 72° to radians. Give the exact answer in terms of π .	14. Convert 75° to radians. Give the exact answer in terms of π .
15. Convert 90° to radians. Give the exact answer in terms of π .	16. Convert 105° to radians. Give the exact answer in terms of π .
17. Convert $\frac{225^\circ}{2}$ to radians. Give the exact answer in terms of π .	18. Convert 120° to radians. Give the exact answer in terms of π .
19. Convert 135° to radians. Give the exact answer in terms of π .	20. Convert 150° to radians. Give the exact answer in terms of π .

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21. Convert 165° to radians. Give the exact answer in terms of π .	22. Convert 180° to radians. Give the exact answer in terms of π .
23. Convert 210° to radians. Give the exact answer in terms of π .	24. Convert 225° to radians. Give the exact answer in terms of π .
25. Convert 240° to radians. Give the exact answer in terms of π .	26. Convert 270° to radians. Give the exact answer in terms of π .
27. Convert 300° to radians. Give the exact answer in terms of π .	28. Convert 315° to radians. Give the exact answer in terms of π .
29. Convert 330° to radians. Give the exact answer in terms of π .	30. Convert 360° to radians. Give the exact answer in terms of π .

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31. Convert 420° to radians. Give the exact answer in terms of π .	32. Convert 450° to radians. Give the exact answer in terms of π .
33. Convert 540° to radians. Give the exact answer in terms of π .	34. Convert 720° to radians. Give the exact answer in terms of π .
35. Convert -30° to radians. Give the exact answer in terms of π .	36. Convert -45° to radians. Give the exact answer in terms of π .
37. Convert -60° to radians. Give the exact answer in terms of π .	38. Convert -90° to radians. Give the exact answer in terms of π .
39. Convert -120° to radians. Give the exact answer in terms of π .	40. Convert -135° to radians. Give the exact answer in terms of π .

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41. Convert -150° to radians. Give the exact answer in terms of π .	42. Convert -225° to radians. Give the exact answer in terms of π .
43. Convert -270° to radians. Give the exact answer in terms of π .	44. Convert 390° to radians. Give the exact answer in terms of π .
45. Convert 405° to radians. Give the exact answer in terms of π .	46. Convert 480° to radians. Give the exact answer in terms of π .
47. Convert 765° to radians. Give the exact answer in terms of π .	48. Convert 810° to radians. Give the exact answer in terms of π .
49. Convert 1080° to radians. Give the exact answer in terms of π .	50. Convert 1440° to radians. Give the exact answer in terms of π .