

Converting Radians & Degrees

Convert each degree measure into radians. Complete 5 problems and do the rest for more practice.

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|--|--|---------------------------------------|--|--|
| 1. 325°
$\frac{65\pi}{36}$ | 6. -325°
$-\frac{65\pi}{36}$ | 11. 510°
$\frac{17\pi}{6}$ | 16. 600°
$\frac{10\pi}{3}$ | 21. -520°
$-\frac{26\pi}{9}$ |
| 2. 60°
$\frac{\pi}{3}$ | 7. -290°
$-\frac{29\pi}{18}$ | 12. 150°
$\frac{5\pi}{6}$ | 17. -945°
$-\frac{21\pi}{4}$ | 22. 40°
$\frac{2\pi}{9}$ |
| 3. 570°
$\frac{19\pi}{6}$ | 8. 345°
$\frac{23\pi}{12}$ | 13. 210°
$\frac{7\pi}{6}$ | 18. 675°
$\frac{15\pi}{4}$ | 23. 300°
$\frac{5\pi}{3}$ |
| 4. -315°
$-\frac{7\pi}{4}$ | 9. 970°
$\frac{97\pi}{18}$ | 14. -240°
$-\frac{4\pi}{3}$ | 19. 315°
$\frac{7\pi}{4}$ | 24. 0°
0 |
| 5. 128.77°
$\frac{128.77\pi}{180}$ | 10. -510°
$-\frac{17\pi}{6}$ | 15. 240°
$\frac{4\pi}{3}$ | 20. -570°
$-\frac{19\pi}{6}$ | 25. 555°
$\frac{37\pi}{12}$ |

Convert each radian measure into degrees. Complete 5 problems and do the rest for more practice.

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|----------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| 26. $-\frac{4\pi}{3}$
240° | 31. $\frac{41\pi}{36}$
205° | 36. $-\frac{11\pi}{3}$
-660° | 41. $-\frac{13\pi}{4}$
-585° | 46. $-\frac{\pi}{3}$
-60° |
| 27. $\frac{23\pi}{12}$
345° | 32. $-\frac{3\pi}{2}$
-270° | 37. $-\frac{41\pi}{12}$
-615° | 42. $\frac{7\pi}{4}$
315° | 47. $\frac{3\pi}{4}$
135° |
| 28. $\frac{\pi}{18}$
6° | 33. $\frac{107\pi}{36}$
535° | 38. $\frac{14\pi}{3}$
840° | 43. $\frac{11\pi}{6}$
330° | 48. $-\frac{\pi}{6}$
-30° |
| 29. $-\frac{25\pi}{12}$
-375° | 34. $\frac{\pi}{3}$
60° | 39. $-\frac{16\pi}{3}$
-960° | 44. $\frac{13\pi}{6}$
390° | 49. $-\frac{23\pi}{6}$
-690° |
| 30. $\frac{35\pi}{18}$
350° | 35. $-\frac{17\pi}{9}$
-340° | 40. $\frac{21\pi}{4}$
945° | 45. $\frac{7\pi}{3}$
420° | 50. $\frac{\pi}{4}$
45° |