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|  | INSTITUCIÓN EDUCATIVA LA ESPERANZA | |  |
| | ACTIVIDADES DE APOYO MATEMÁTICAS | | |
| | Sección: Bachillerato | Grado: | |
| | NOMBRE: | | |

CAMBIO DE RADIANES A GRADOS

Para realizar la conversión de radianes a grados, debemos tener en cuenta que π radianes es igual a 180 grados, es decir,

$$\pi_{rad} = 180^\circ$$

Ejemplo: Pasar $\frac{\pi}{4}$ a grados

$$\frac{\cancel{\pi}}{4} \times \frac{180^\circ}{\cancel{\pi}} = \frac{180^\circ}{4} = 45^\circ$$

Ejercicios: Pasar de grados a radianes

| | Radianes | Procedimiento | Respuesta |
|-----------|------------------|----------------------|------------------|
| 1. | $\frac{\pi}{12}$ | | |
| 2. | $\frac{\pi}{10}$ | | |
| 3. | $\frac{\pi}{8}$ | | |
| 4. | $\frac{\pi}{6}$ | | |
| 5. | $\frac{\pi}{5}$ | | |
| 6. | $\frac{\pi}{4}$ | | |
| 7. | $\frac{\pi}{3}$ | | |

| | | | |
|------------|-------------------|--|--|
| 8. | $\frac{\pi}{2}$ | | |
| 9. | $\frac{2\pi}{3}$ | | |
| 10. | $\frac{3\pi}{4}$ | | |
| 11. | $\frac{4\pi}{5}$ | | |
| 12. | $\frac{6\pi}{5}$ | | |
| 13. | $\frac{4\pi}{3}$ | | |
| 14. | $\frac{3\pi}{2}$ | | |
| 15. | $\frac{5\pi}{3}$ | | |
| 16. | $\frac{7\pi}{4}$ | | |
| 17. | $\frac{5\pi}{3}$ | | |
| 18. | $\frac{7\pi}{4}$ | | |
| 19. | $\frac{11\pi}{6}$ | | |
| 20. | 2π | | |