Convierte de radianes a grados y de grados a radianes según convenga.

Después de haber visto el tutorial acerca de las conversiones de grados a radianes y viceversa, descarga esta actividad y contesta lo que se pide; al terminar, recuerda enviarla a la Plataforma Virtual.

1. **Convierte a grados (anota dos decimales)**

|  |  |  |  |
| --- | --- | --- | --- |
| $$3.6 rad =$$ |  | $$1.62 rad =$$ |  |
| $$2.5 rad =$$ |  | $$3.13 rad =$$ |  |
| $$3.7 rad =$$ |  | $$1.77 rad =$$ |  |
| $$4.6 rad =$$ |  | $$2.27 rad =$$ |  |
| $$5.8 rad =$$ |  | $$2.53 rad =$$ |  |
| $$1.3 rad =$$ |  | $$1.52 rad =$$ |  |
| $$2.9 rad =$$ |  | $$2.05 rad =$$ |  |
| $$1.4 rad =$$ |  | $$3.55 rad =$$ |  |

1. **Convierte a radianes (anota dos decimales)**

|  |  |  |  |
| --- | --- | --- | --- |
| $$130°=$$ |  | $$76.865°=$$ |  |
| $$53^{0} 15´=$$ |  | $$48°=$$ |  |
| $$156.9°=$$ |  | $$157.54°=$$ |  |
| $$98^{0} 24´35=$$ |  | $$117.46°=$$ |  |
| $$68°=$$ |  | $$113° 9´ 7” =$$ |  |
| $$79.89°=$$ |  | $$249°=$$ |  |
| $$264°=$$ |  | $$63° 25´=$$ |  |
| $$189° 48´=$$ |  | $$489°=$$ |  |

1. **Convierte a radianes en términos de** $π$

|  |  |  |  |
| --- | --- | --- | --- |
| $$120⁰ =$$ |  | $$150⁰ =$$ |  |
| $$135⁰ =$$ |  | $$270⁰ =$$ |  |
| $$90⁰ =$$ |  | $$60⁰ =$$ |  |
| $$45⁰=$$ |  | $$360⁰ =$$ |  |

1. **Convierte a grados las siguientes expresiones dadas en términos de** $π$ **radianes**

|  |  |  |  |
| --- | --- | --- | --- |
| $$\frac{2}{9}π rad =$$ |  | $$\frac{4}{5}π rad =$$ |  |
| $$\frac{π}{8} rad =$$ |  | $$\frac{π}{9} rad =$$ |  |
| $$\frac{2}{5}π rad =$$ |  | $$\frac{3}{5}π rad =$$ |  |
| $\frac{5}{3}π rad $*=* |  | $$\frac{π}{5} rad =$$ |  |

Envíalo a través de la Plataforma Virtual.

Recuerda que el archivo debe ser nombrado:

**Apellido Paterno\_Primer Nombre\_Radianes\_Grados**