



TABLA DE FUNCIONES TRIGONOMÉTRICAS

Angulo	Seno	Coseno	Tangente	Angulo	Seno	Coseno	Tangente	Angulo	Seno	Coseno	Tangente
0	0.00000	1.00000	0.00000								
1	0.01745	0.99985	0.01746	31	0.51504	0.85717	0.60086	61	0.87462	0.48481	1.80405
2	0.03490	0.99939	0.03492	32	0.52992	0.84805	0.62487	62	0.88295	0.46947	1.88073
3	0.05234	0.99863	0.05241	33	0.54464	0.83867	0.64941	63	0.89101	0.45399	1.96261
4	0.06976	0.99756	0.06993	34	0.55919	0.82904	0.67451	64	0.89879	0.43837	2.05030
5	0.08716	0.99619	0.08749	35	0.57358	0.81915	0.70021	65	0.90631	0.42262	2.14451
6	0.10453	0.99452	0.10510	36	0.58779	0.80902	0.72654	66	0.91355	0.40674	2.24604
7	0.12187	0.99255	0.12278	37	0.60182	0.79864	0.75355	67	0.92050	0.39073	2.35585
8	0.13917	0.99027	0.14054	38	0.61566	0.78801	0.78129	68	0.92718	0.37461	2.47509
9	0.15643	0.98769	0.15838	39	0.62932	0.77715	0.80978	69	0.93358	0.35837	2.60509
10	0.17365	0.98481	0.17633	40	0.64279	0.76604	0.83910	70	0.93969	0.34202	2.74748
11	0.19081	0.98163	0.19438	41	0.65606	0.75471	0.86929	71	0.94552	0.32557	2.90421
12	0.20791	0.97815	0.21256	42	0.66913	0.74314	0.90040	72	0.95106	0.30902	3.07768
13	0.22495	0.97437	0.23087	43	0.68200	0.73135	0.93252	73	0.95630	0.29237	3.27085
14	0.24192	0.97030	0.24933	44	0.69466	0.71934	0.96569	74	0.96126	0.27564	3.48741
15	0.25882	0.96593	0.26795	45	0.70711	0.70711	1.00000	75	0.96593	0.25882	3.73205
16	0.27564	0.96126	0.28675	46	0.71934	0.69466	1.03553	76	0.97030	0.24192	4.01078
17	0.29237	0.95630	0.30573	47	0.73135	0.68200	1.07237	77	0.97437	0.22495	4.33148
18	0.30902	0.95106	0.32492	48	0.74314	0.66913	1.11061	78	0.97815	0.20791	4.70463
19	0.32557	0.94552	0.34433	49	0.75471	0.65606	1.15037	79	0.98163	0.19081	5.14455
20	0.34202	0.93969	0.36397	50	0.76604	0.64279	1.19175	80	0.98481	0.17365	5.67128
21	0.35837	0.93358	0.38386	51	0.77715	0.62932	1.23490	81	0.98769	0.15643	6.31375
22	0.37461	0.92718	0.40403	52	0.78801	0.61566	1.27994	82	0.99027	0.13917	7.11537
23	0.39073	0.92050	0.42447	53	0.79864	0.60182	1.32704	83	0.99255	0.12187	8.14435
24	0.40674	0.91355	0.44523	54	0.80902	0.58779	1.37638	84	0.99452	0.10453	9.51436
25	0.42262	0.90631	0.46631	55	0.81915	0.57358	1.42815	85	0.99619	0.08716	11.43005
26	0.43837	0.89879	0.48773	56	0.82904	0.55919	1.48256	86	0.99756	0.06976	14.30067
27	0.45399	0.89101	0.50953	57	0.83867	0.54464	1.53986	87	0.99863	0.05234	19.08114
28	0.46947	0.88295	0.53171	58	0.84805	0.52992	1.60033	88	0.99939	0.03490	28.63625
29	0.48481	0.87462	0.55431	59	0.85717	0.51504	1.66428	89	0.99985	0.01745	57.28996
30	0.50000	0.86603	0.57735	60	0.86603	0.50000	1.73205	90	1.00000	0.00000	Infinito

Ejemplo: Calcular el seno de 35° 20' 15''

1. Encontrar el seno para 36°: **0.58779**. Un grado mayor.
2. Encontrar el seno para 35°: **0.57358**. **El grado buscado.**
3. Restar los valores encontrados: 0.01421
4. Dividir entre 60 minutos que tiene un grado: 0.0002368
5. Multiplicar por los minutos 0.0002368*20: **0.004736**
6. Dividir el valor del paso 4 entre 60 segundos: 0.000004
7. Multiplicar 0.000004*15: **0.00006**
8. **El seno de 35° 20' 15'' es 0.578376** (suma de paso 2, paso 5 y paso 7)

Ejemplo: Qué ángulo tiene tangente 0.760555

1. Encontrar en la tabla la tangente superior o más cercano: **0.78129 para 38°**
 2. Tomar de la tabla la tangente anterior: **0.75355 para 37°**
 3. Restar esos valores 0.78129 – 0.75355: **0.02774 (60')**
 4. Restar el valor menor al valor buscado.
0.760555 – 0.75355: **0.007005**
 5. Obtener la proporción para minutos:
0.007005 ÷ 0.02774: 0.2525
- El ángulo 37.2525° o 37° 15' 9.08'' tiene tangente 0.760555**