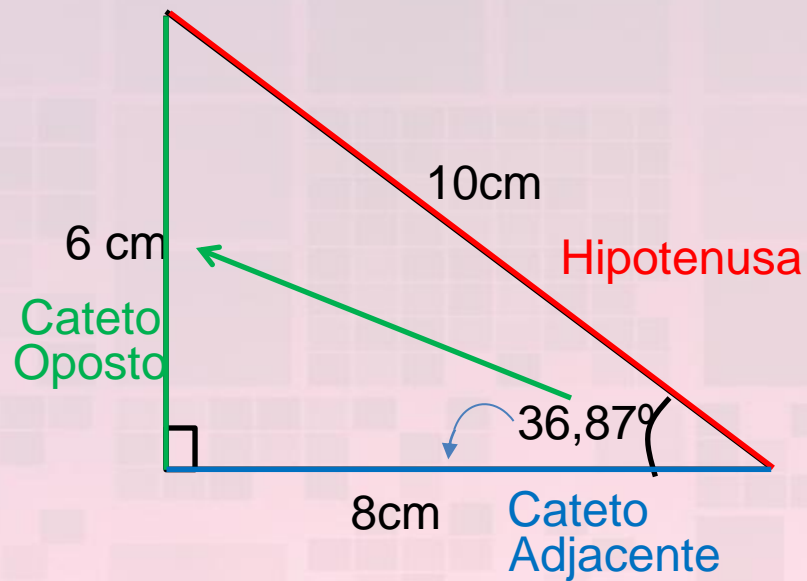
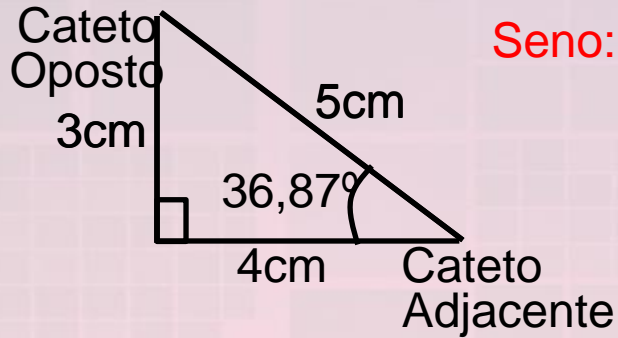
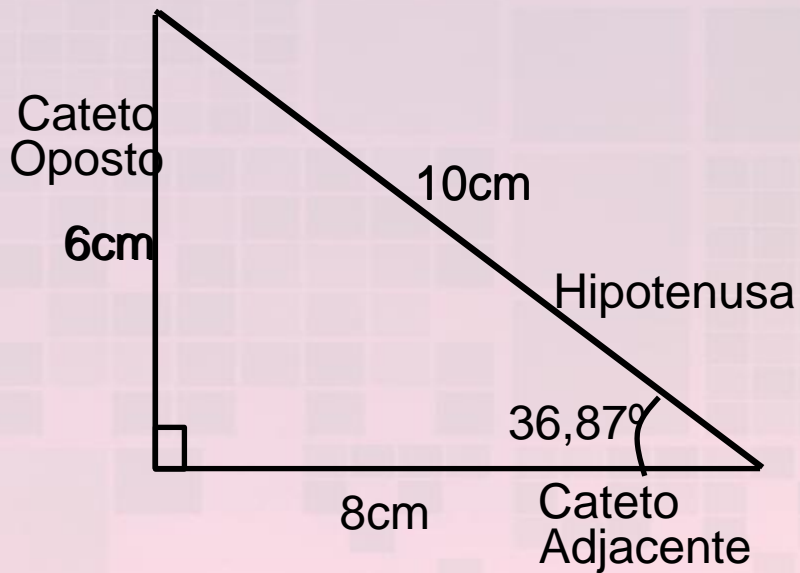


The background features a dark purple grid pattern overlaid with several thick, overlapping diagonal lines in shades of yellow, orange, red, and purple. The word 'MATEMÁTICA' is written in white, bold, uppercase letters across the center, following the angle of the lines.

MATEMÁTICA

Relações Trigonométricas no Triângulo Retângulo

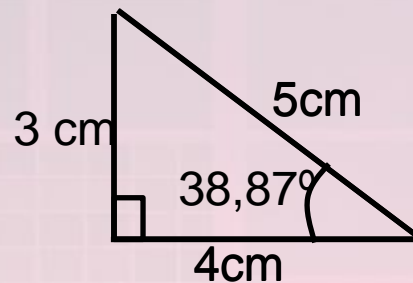
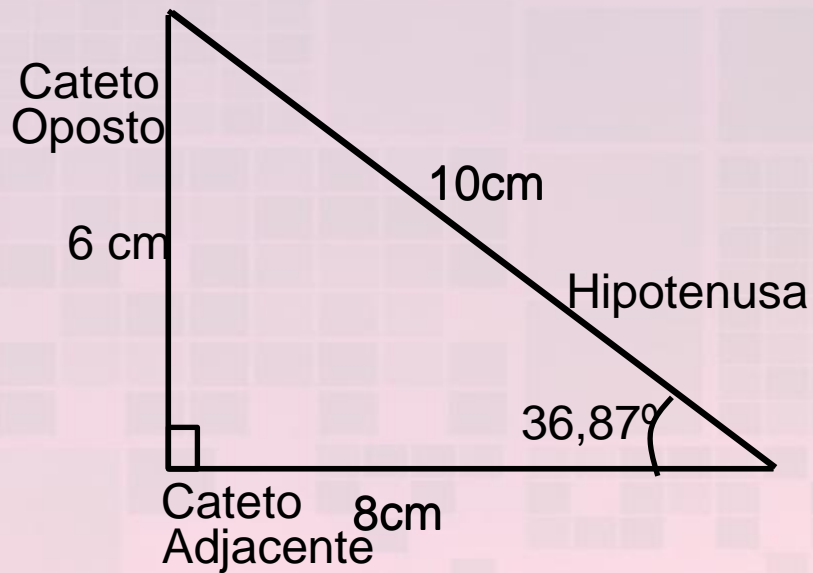




Seno: $\frac{\text{Cateto oposto}}{\text{Hipotenusa}}$

$$\frac{\text{Cateto Oposto}}{\text{Hipotenusa}} = 0,6$$

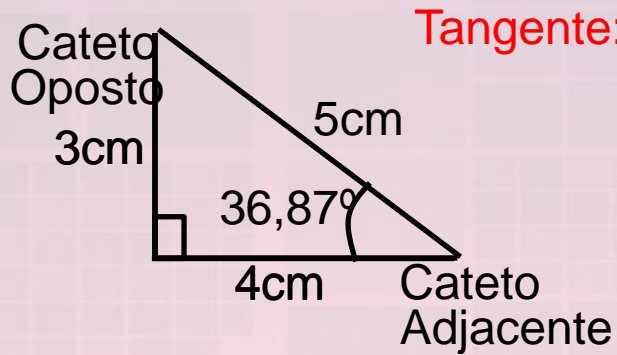
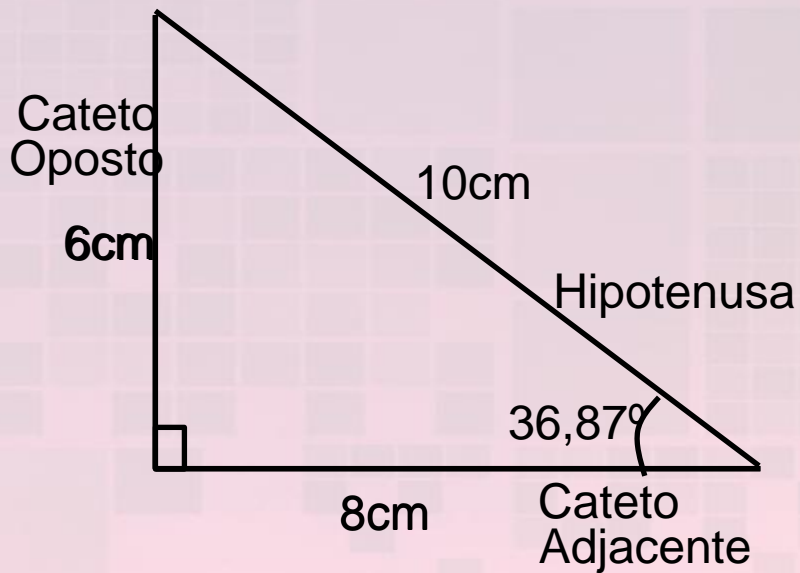
$$\frac{3}{5} = 0,6$$



Cosseno: $\frac{\text{Cateto adjacente}}{\text{Hipotenusa}}$

$$\frac{\text{Cateto Adjacente}}{\text{Hipotenusa}} = 0,8$$

$$\frac{8}{10} = 0,8$$



Tangente: $\frac{\text{Cateto oposto}}{\text{Cateto Adjacente}}$

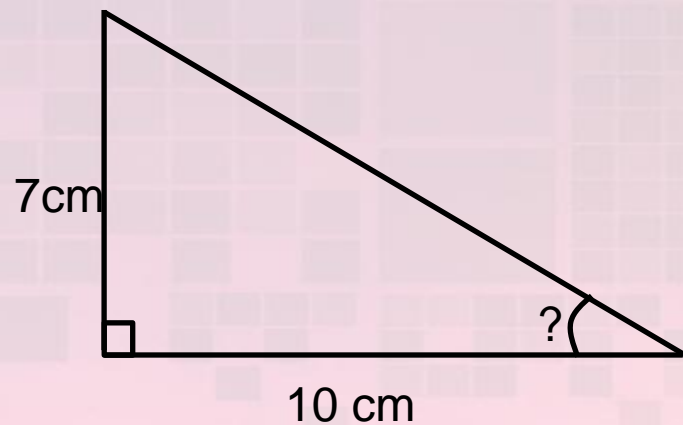
$$\frac{3}{4} = 0,75$$

$$\frac{6}{8} = 0,75$$

Ângulo	Sen	Cos	Tg
1°	0,0175	0,9998	0,0175
2°	0,0349	0,9994	0,0349
3°	0,0523	0,9986	0,0524
4°	0,0698	0,9976	0,0699
5°	0,0872	0,9962	0,0875
6°	0,1045	0,9945	0,1051
7°	0,1219	0,9925	0,1228
8°	0,1392	0,9903	0,1405
9°	0,1564	0,9877	0,1584
10°	0,1736	0,9848	0,1763
11°	0,1908	0,9816	0,1944
12°	0,2079	0,9781	0,2126
13°	0,225	0,9744	0,2309
14°	0,2419	0,9703	0,2493
15°	0,2588	0,9659	0,2679
16°	0,2756	0,9613	0,2867
17°	0,2924	0,9563	0,3057
18°	0,309	0,9511	0,3249
19°	0,3256	0,9455	0,3443
20°	0,342	0,9397	0,364

Ângulo	Sen	Cos	Tg
21°	0,3584	0,9336	0,3839
22°	0,3746	0,9272	0,404
23°	0,3907	0,9205	0,4245
24°	0,4067	0,9135	0,4452
25°	0,4226	0,9063	0,4663
26°	0,4384	0,8988	0,4877
27°	0,454	0,891	0,5095
28°	0,4695	0,8829	0,5317
29°	0,4848	0,8746	0,5543
30°	0,5	0,866	0,5774
31°	0,515	0,8572	0,6009
32°	0,5299	0,848	0,6249
33°	0,5446	0,8387	0,6494
34°	0,5592	0,829	0,6745
35°	0,5736	0,8192	0,7002
36°	0,5878	0,809	0,7265
37°	0,6018	0,7986	0,7536
38°	0,6157	0,788	0,7813
39°	0,6293	0,7771	0,8098
40°	0,6428	0,766	0,8391

Ângulo	Sen	Cos	Tg
40°	0,6428	0,766	0,8391
41°	0,6561	0,7547	0,8693
42°	0,6691	0,7431	0,9004
43°	0,682	0,7314	0,9325
44°	0,6947	0,7193	0,9657
45°	0,7071	0,7071	1
46°	0,7193	0,6947	1,0355
47°	0,7314	0,682	1,0724
48°	0,7431	0,6691	1,1106
49°	0,7547	0,6561	1,1504
50°	0,766	0,6428	1,1918
51°	0,7771	0,6293	1,2349
52°	0,788	0,6157	1,2799
53°	0,7986	0,6018	1,327
54°	0,809	0,5878	1,3764
55°	0,8192	0,5736	1,4281
56°	0,829	0,5592	1,4826
57°	0,8387	0,5446	1,5399
58°	0,848	0,5299	1,6003
59°	0,8572	0,515	1,6643
60°	0,866	0,5	1,7321
61°	0,8746	0,4848	1,804



Ângulo	Sen	Cos	Tg
21°	0,3584	0,9336	0,3839
22°	0,3746	0,9272	0,404
23°	0,3907	0,9205	0,4245
24°	0,4067	0,9135	0,4452
25°	0,4226	0,9063	0,4663
26°	0,4384	0,8988	0,4877
27°	0,454	0,891	0,5095
28°	0,4695	0,8829	0,5317
29°	0,4848	0,8746	0,5543
30°	0,5	0,866	0,5774
31°	0,515	0,8572	0,6009
32°	0,5299	0,848	0,6249
33°	0,5446	0,8387	0,6494
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