How to remember the trigonometric table for the most commonly used arguments

Step 1. Draw the table

	0	π/6	π/4	π/3	π/2
sin					
cos					
tan					
cot					

Step 2. Write fractions with **2** in the denominator in the first row. Leave the numerator empty for now.

	0	π/6	π/4	π/3	π/2
sin	/2	/2	/2	/2	/2
cos					
tan					
cot					

Step 3. Write numbers from **0** to **4** in the numerators in the first row.

	0	π/6	π/4	π/3	π/2
sin	0/2	1/2	2/2	3/2	4/2
cos					
tan					
cot					

Step 4. Write **square roots** in the numerators.

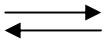
	0	π/6	π/4	π/3	π/2
sin	(√0)/2	(√1)/2	(√2)/2	(√3)/2	(√4)/2
cos					
tan					
cot					

Step 5. Simplify numbers in the first row.

	0	π/6	π/4	π/3	π/2
sin	0	1/2	√2/2	√3/2	1
cos					
tan					
cot					

Step 6. Fill in the second row - rewrite the numbers from the first row in a reversed order.

	0	π/6	π/4	π/3	π/2
sin	0	1/2	√2/2	√3/2	1
cos	1	√3/2	√2/2	1/2	0
tan					
cot					



Step 7. Fill in the third row – divide the first row by the second row.

	0	π/6	π/4	π/3	π/2
sin	0	1/2	√2/2	√3/2	1
cos	1	√3/2	√2/2	1/2	0
tan	0	1/√3	1	√3	---
cot					

Step 8. Fill in the fourth row – rewrite the numbers from the third row in a reversed order.

	0	π/6	π/4	π/3	π/2
sin	0	1/2	√2/2	√3/2	1
cos	1	√3/2	√2/2	1/2	0
tan	0	1/√3	1	√3	---
cot	----	√3	1	1/√3	0