C2 Trigonometry Formulae

Match each expression from the first column with its equivalent from the second column, and write the answers in the table below:

Column 1		Column 2	
1	$\tan x$	A	$\dfrac{2\sin x}{\cos x}$
2	$\sin\left(\dfrac{\pi}{2}-x\right)$	B	$-\sin x$
3	$1-\sin^2 2x$	C	$\dfrac{\sin x}{2\cos x}$
4	$\tan 2x$	D	$\dfrac{2\cos x}{\sin x}$
5	$1-\cos^2 x$	E	1
6	$-\sin\left(90^\circ - x\right)$	F	$\sin x$
7	$2\tan x$	G	$\cos^2 x$
8	$2\sin^2 2x + 2\cos^2 2x$	H	$\cos^2 2x$
9	$1-\sin^2 x$	I	$\dfrac{\sin x}{\cos x}$
10	$\cos\left(\dfrac{\pi}{2}-x\right)$	J	2
11	$\dfrac{2}{\tan x}$	K	$\dfrac{\cos x}{\sin x}$
12	$-\cos\left(90^\circ - x\right)$	L	$\dfrac{\sin 2x}{\cos 2x}$
13	$\dfrac{1}{\tan x}$	M	$-\cos x$
14	$\dfrac{1}{2}\tan x$	N	$\cos x$
15	$\sin^2 x + \cos^2 x$	O	$\sin^2 x$

Table for your Answers:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Solutions to C2 Trigonometry Formulae

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
I	N	H	L	O	M	A	J	G	F	D	B	K	C	E