Rearrange the sixteen squares to form one large square in which all matching sides form trigonometric identities.

**Square 1** — top: tan(x); left: $\cot^2 x - \csc^2 x$; right: $\sec^2 x - \tan^2 x$; bottom: $\sin^2 x + \cos^2 x$

**Square 2** — top: sec(x); left: $\cos^2 x\,\tan^2 x$; right: $\dfrac{\sin^2 x}{1 + \cos x}$; bottom: $\dfrac{\sin x}{\cos x}$

**Square 3** — top: sin(x); left: $\sin^2 x$; right: $\cot(x)\sec(x)$; bottom: $\csc^2 x$

**Square 4** — top: $\cot(x)\sin^2(x)$; left: $1 - \cos(x)$; right: $\cos(x)$; bottom: $\dfrac{1}{\cot(x)}$

**Square 5** — top: 1; left: $1 + \tan^2(x)$; right: $\sin^2 x\,\cot^2 x$; bottom: $\cos^2 x + \sin^2 x$

**Square 6** — top: $\cos(x)\sec(x)$; left: $\sec^2 x$; right: $\tan(x)\cos(x)$; bottom: $\cos(x)$

**Square 7** — top: $\cos(x)$; left: 1; right: $\tan(x)$; bottom: $\dfrac{\cos^2 x}{1 + \sin x}$

**Square 8** — top: $\cot(x)$; left: $\cot(x)\sin(x)$; right: $\cos^2 x\,\tan^2 x$; bottom: $\cos^2 x$

**Square 9** — top: $\sin^2 x\sec^2 x$; left: $\dfrac{1}{\cot^2(x)}$; right: $\dfrac{\sin(x)}{\sec(x)}$; bottom: $\dfrac{1}{\cot^2(x)}$

**Square 10** — top: 1-sin(x); left: $\tan^2(x)$; right: $\sin^2 x$; bottom: $\dfrac{\tan(x)}{\sec(x)}$

**Square 11** — top: 1; left: $\csc^2 x$; right: $\sin(x)$; bottom: $\sin^2 x\sec^2 x$

**Square 12** — top: csc(x); left: $\dfrac{1}{\sin(x)}$; right: $\sin^2 x$; bottom: $\cot^2 x + 1$

**Square 13** — top: $\csc^2(x)$; left: $\csc(x)$; right: $\cos^2 x\tan^2 x$; bottom: $\dfrac{1}{\sec^2 x}$

**Square 14** — top: $\dfrac{1}{\csc^2(x)}$; left: $\dfrac{\cos(x)}{\cot(x)}$; right: $\sin(x)$; bottom: $\cos(x)$

**Square 15** — top: sin(x); left: $\cot^2 x + 1$; right: $1 - \cos^2 x$; bottom: 1

**Square 16** — top: $\dfrac{\tan(x)}{\sin(x)}$; left: $\sec^2 x - 1$; right: $\sin(x)$; bottom: sec(x) - 1