We will give you the following trig identities on the exams

- $\sin^2 x + \cos^2 x = 1$,

- $\sin^2 x = \frac{1}{2}(1 - \cos(2x))$ and $\cos^2 x = \frac{1}{2}(1 + \cos(2x))$

- $\sin(x + y) = \sin(x)\cos(y) + \cos(x)\sin(y)$ and $\cos(x + y) = \cos(x)\cos(y) - \sin(x)\sin(y)$