

$$(\sqrt{3}\cos x + \sin x)_{\max} =$$

$$(\cos x + \sin x)_{\max} =$$

$$\sqrt{3}\cos x + \sin x =$$

$$\sqrt{3}\sin x - \cos x =$$

when $x =$
 $\cos x + \sqrt{3}\sin x = 1$

$$(\cos x - \sqrt{3}\sin x)_{\min} =$$

$$(\sqrt{3}\cos x - \sin x)_{\min} =$$

$$3\sin x - 4\cos x =$$

$$\cos x + \sqrt{3}\sin x =$$

$$= \sin x$$

$$\sin x - \sqrt{3}\cos x =$$

$$\cos x + \sqrt{3}\sin x = -1$$

when $x =$

$$3\cos x + 4\sin x =$$

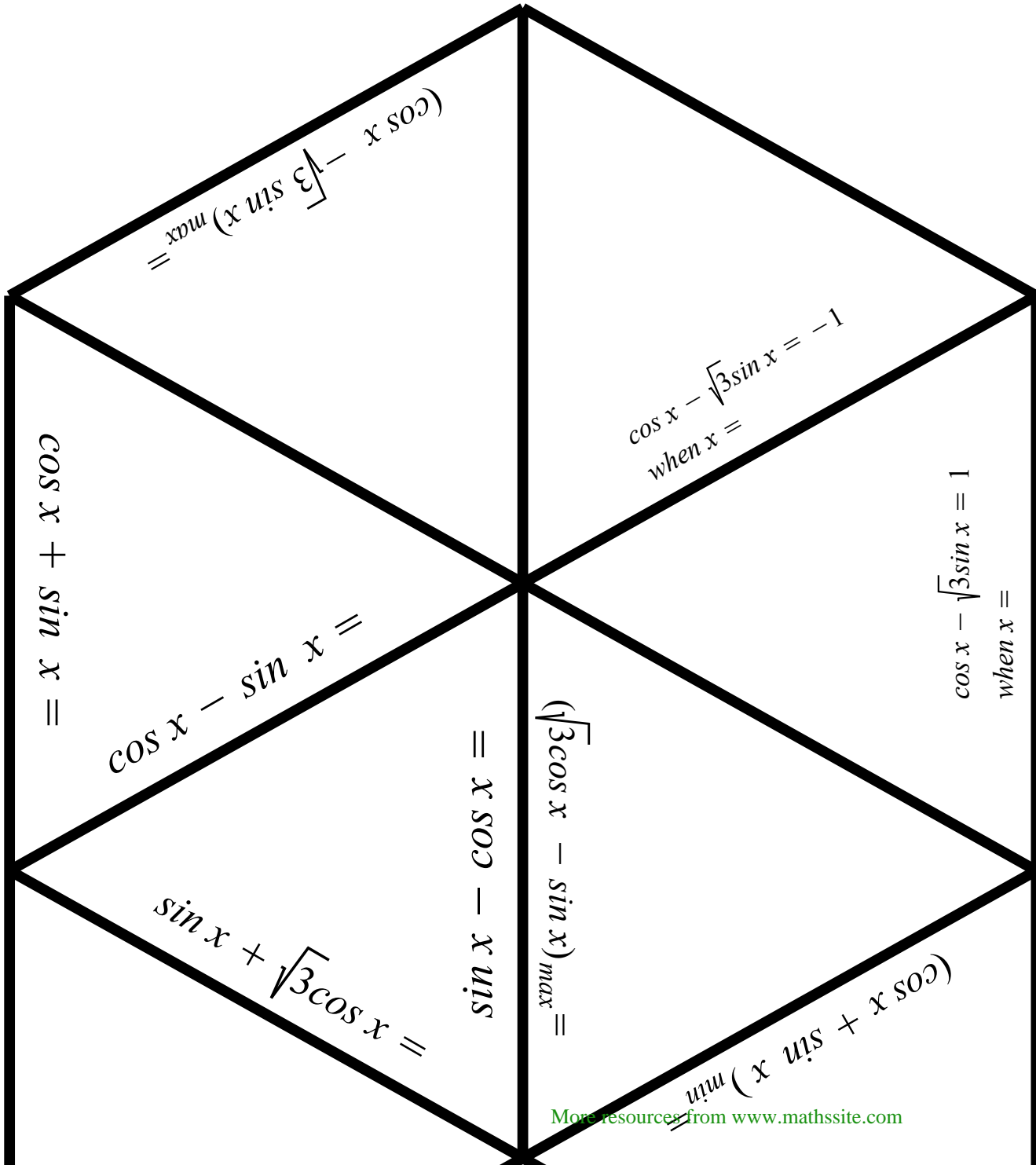
$$3\cos x - 4\sin x =$$

$$(\sqrt{3}\cos x + \sin x)_{\min} =$$

$$3\sin x + 4\cos x =$$

$$3\sin x =$$

$$4\cos x - 3\sin x =$$



$$(\cos x - \sqrt{3} \sin x)_{\max} =$$

$$\cos x - \sqrt{3} \sin x = -1$$

when $x =$

$$\cos x - \sqrt{3} \sin x = 1$$

when $x =$

$$\cos x + \sin x =$$

$$\cos x - \sin x = x$$

$$\sin x + \sqrt{3} \cos x =$$

$$\sin x \cos x = x$$

$$(\sqrt{3} \cos x - \sin x)_{\max} =$$

$$(\cos x + \sin x)_{\min} =$$