| H)
$$\sin^{2}\theta - \cos^{2}\theta = (\sin\theta - \cos\theta)(1 + \sin\theta - \cos\theta)$$

| $a = \sin\theta$, $b = \cos\theta$

| $a = \sin\theta$, $b = \cos\theta$
| $a = \sin\theta$, $b = \cos\theta$
| $a = \sin\theta$, $b = \cos\theta$
| $a = \sin\theta$
| $a = \sin$