



### Digital Mirror

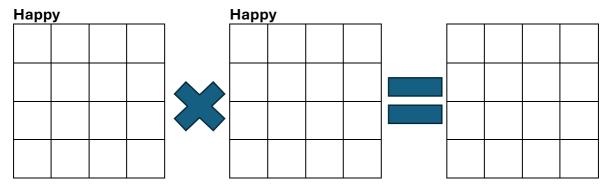
#### Am I friend or foe?

How does a Computer See

Sketch a <b>Happy</b> face			



Comparing the same face using maths

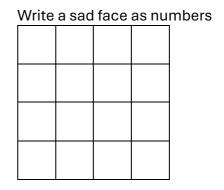


So what does Happy x Happy =

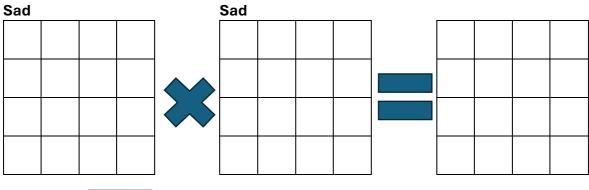
Add all the numbers together.

Нарру х Нарру =

# Sketch a sad face

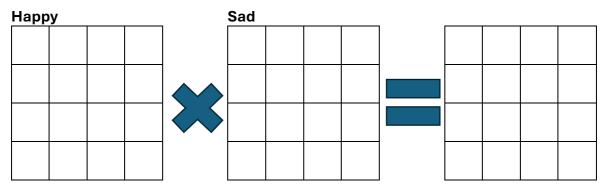


#### Comparing the same face using maths



Sad x Sad =

#### Comparing the same face using maths



Happy x Sad =

What faces are most alike?

Happy, sad and Delighted

# Sketch a Delighted face Write a Delighted face as numbers Comparing the more faces using maths Delighted Sad Delighted x Sad = Comparing the same face using maths Delighted Нарру Delighted x Happy = Нарру Delighted Sad Sad Delighted Нарру

## Going from 2D to 1D

