Digital Mirror
Am I friend or foe?

How does a Computer See

Sketch a **Happy** face
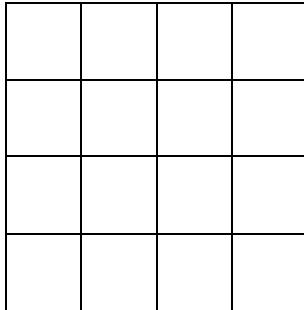
Write a **Happy** face as 0 and 1s
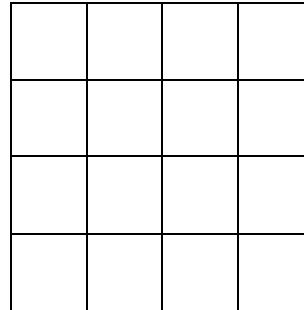
Comparing the same face using maths

Happy

✖
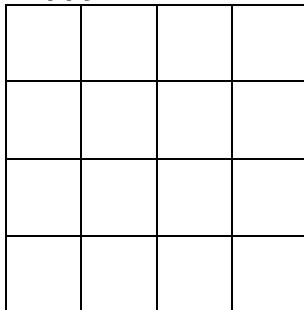
Happy

=
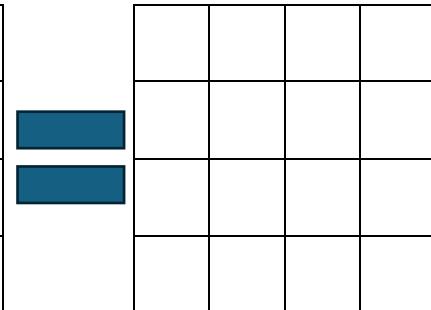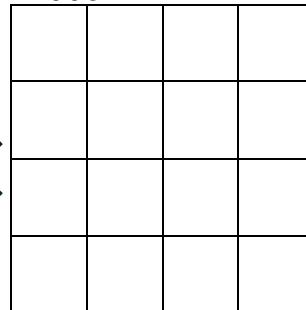
So what does *Happy x Happy =* [ ]

Sketch a sad face
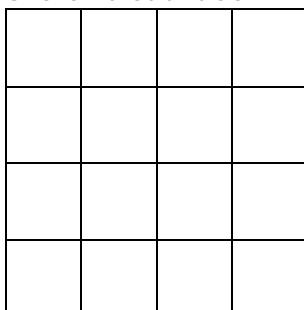
Write a sad face as numbers

School of Mathematics and Statistics
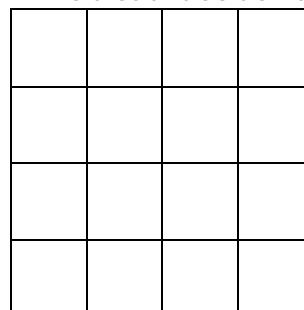
Comparing the same face using maths

Sad　　　　　　　**Sad**
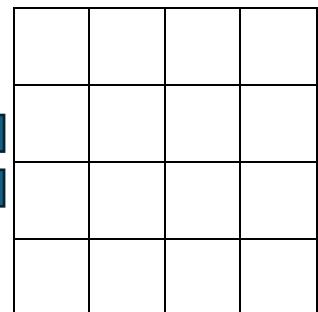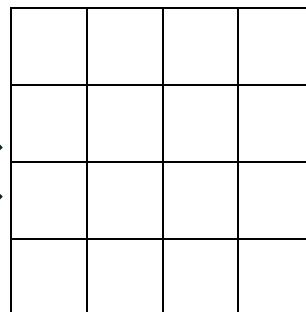
$$\text{Sad} \times \text{Sad} = \boxed{}$$

Comparing the same face using maths
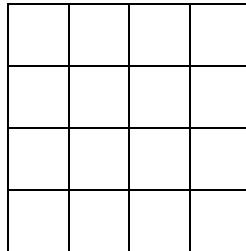
Happy　　　　　　　**Sad**
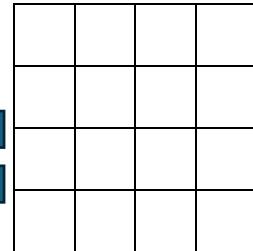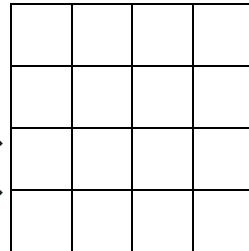
$$\text{Happy} \times \text{Sad} = \boxed{}$$

Happy, sad and Delighted

Sketch a Delighted face
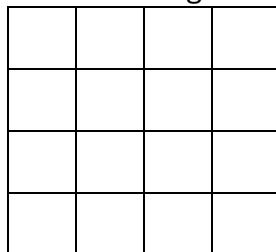
Write a Delighted face as numbers
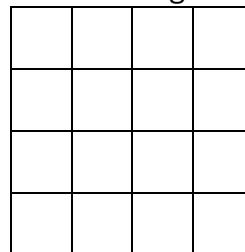
Comparison of All the Faces

	Happy	Delighted	Sad
Happy			
Delighted			
Sad			

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