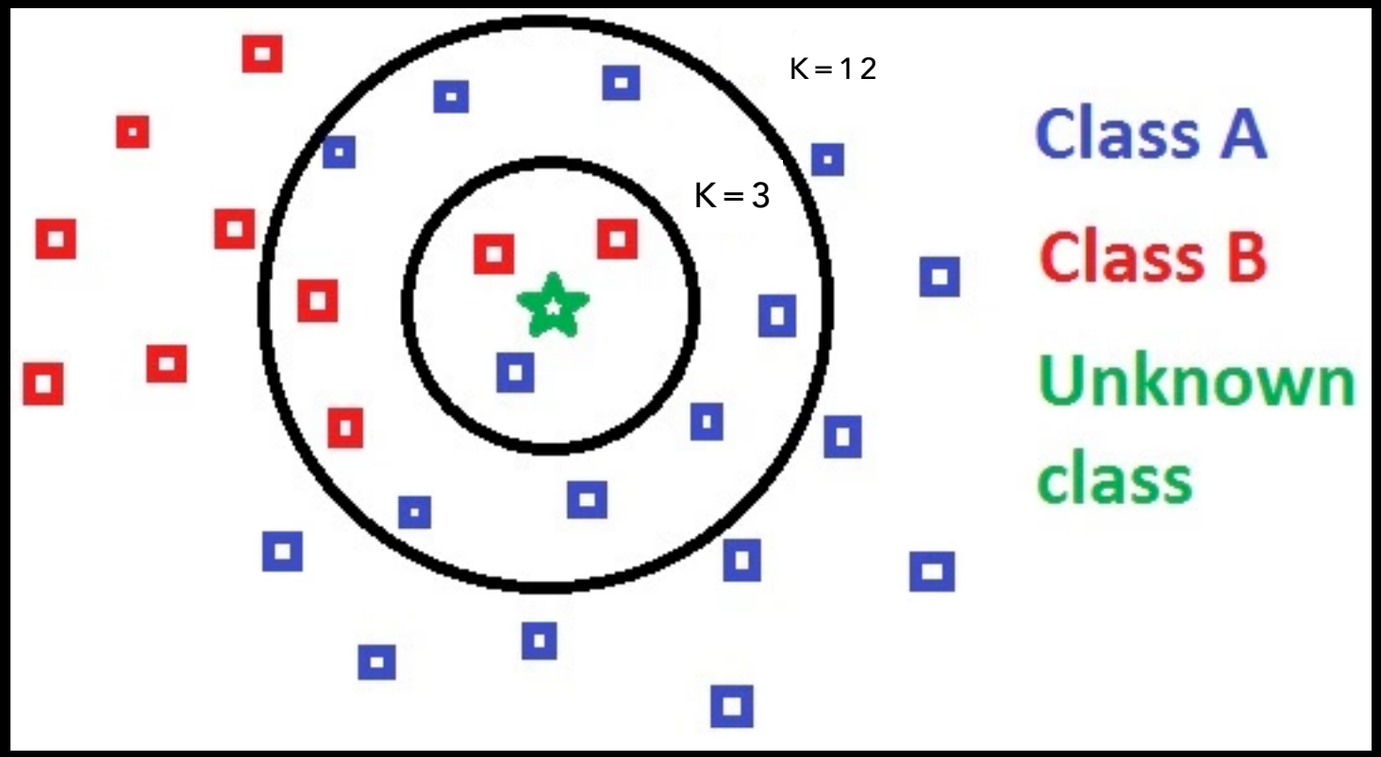
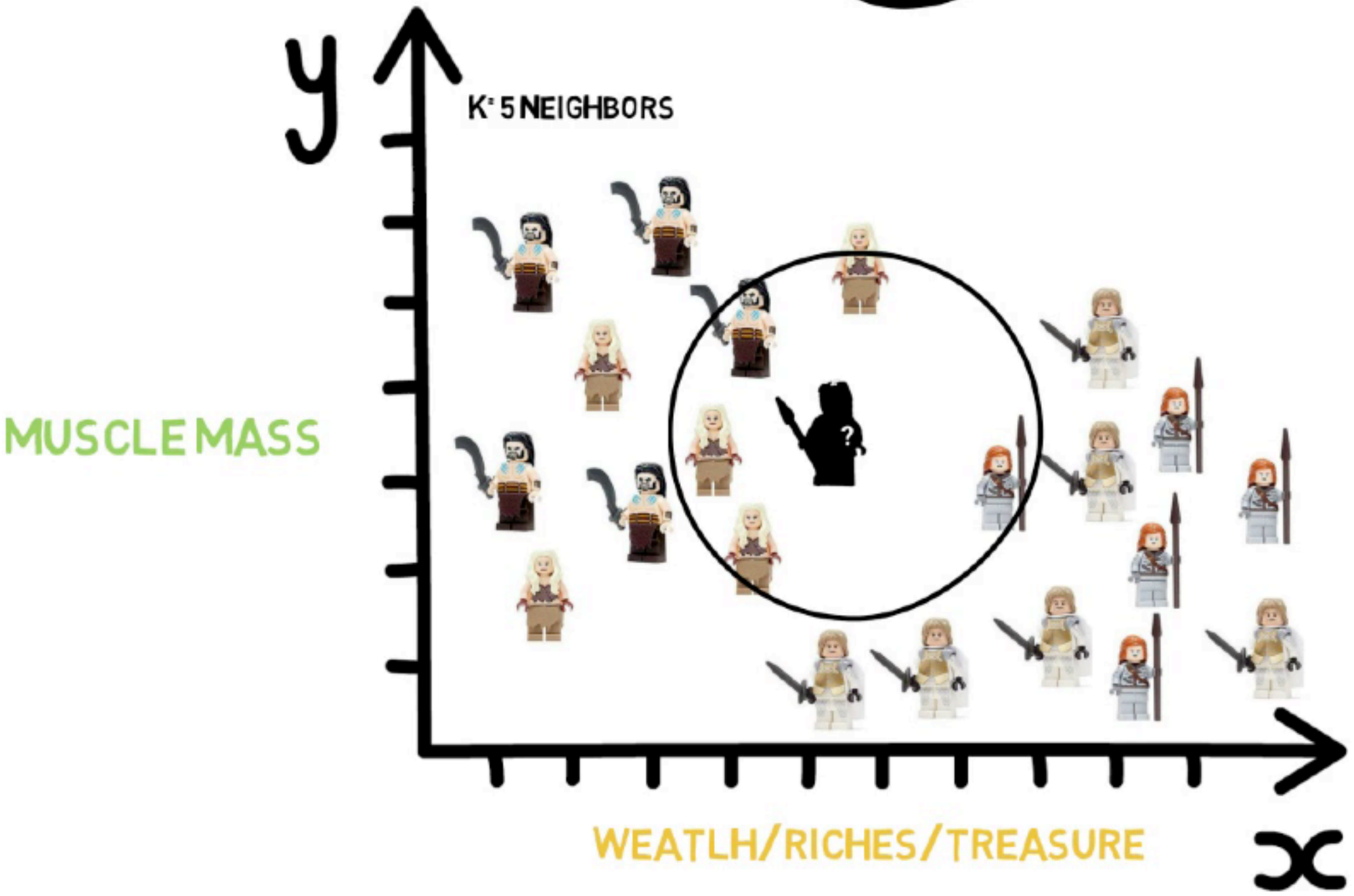


K-nearest neighbors is an algorithm that attempts to decipher the classification of data points based on the classification of its nearest **K** neighboring data points.

In the image here, if **K**=3 the unknown data point (the green star) would be red, but if **K**=12, it would be blue.

Watch the video on **KNN** on the next slide.


y
K= 5 NEIGHBORS
?
MUSCLE MASS
WEATLH/RICHES/TREASURE
x

WEALTH\RICHES\TREASURE