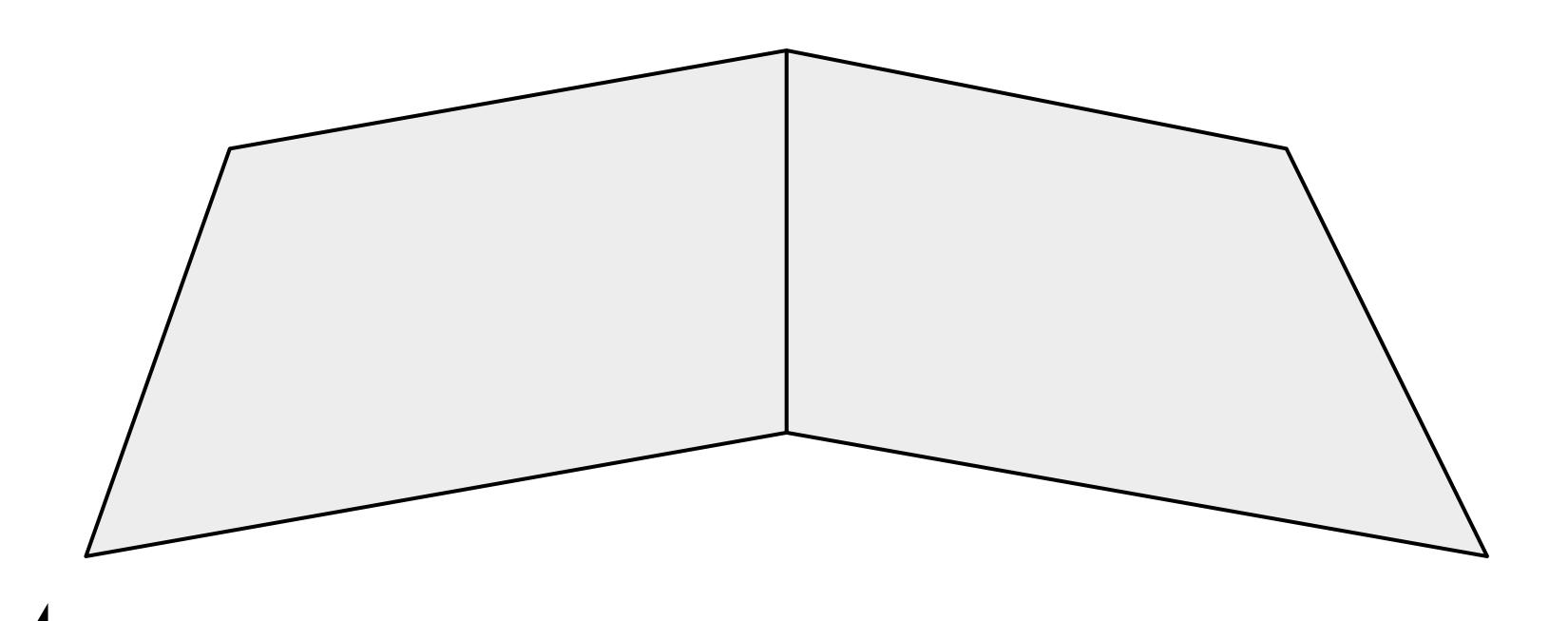
# 40404404144 BEGINNING HE HE

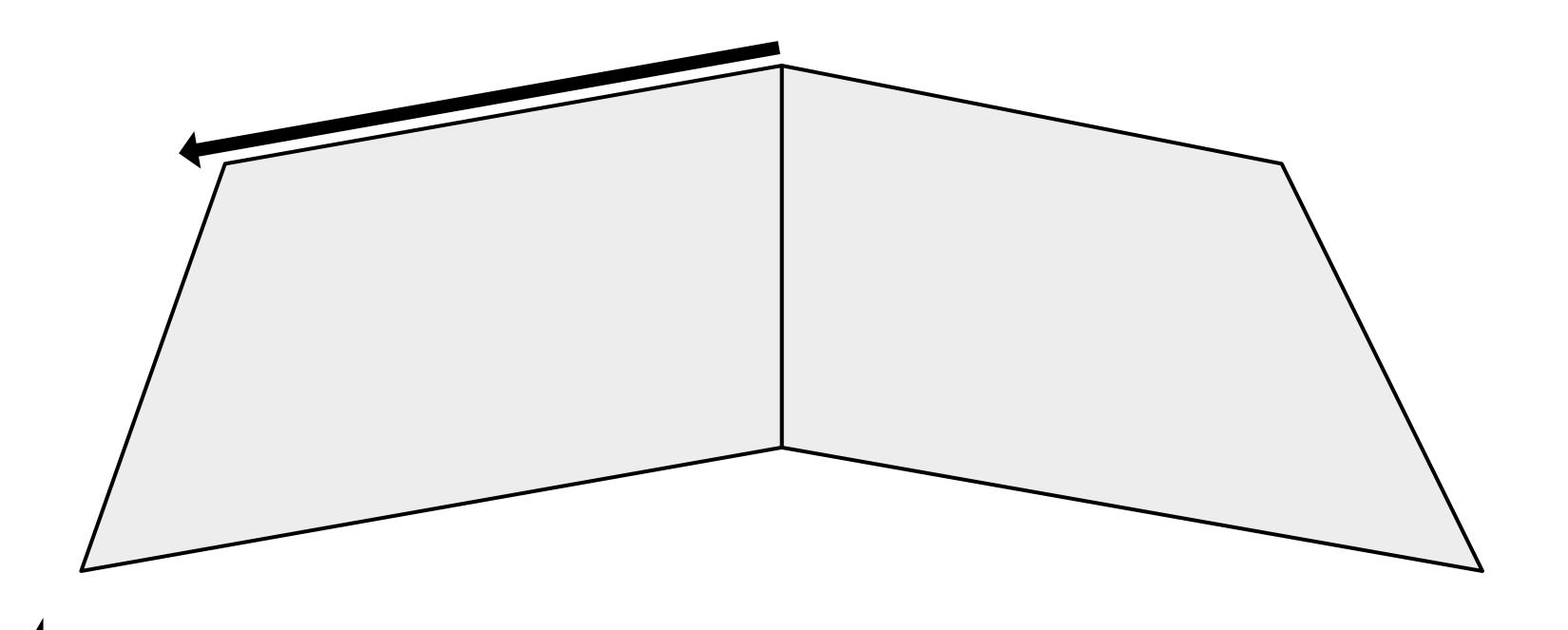


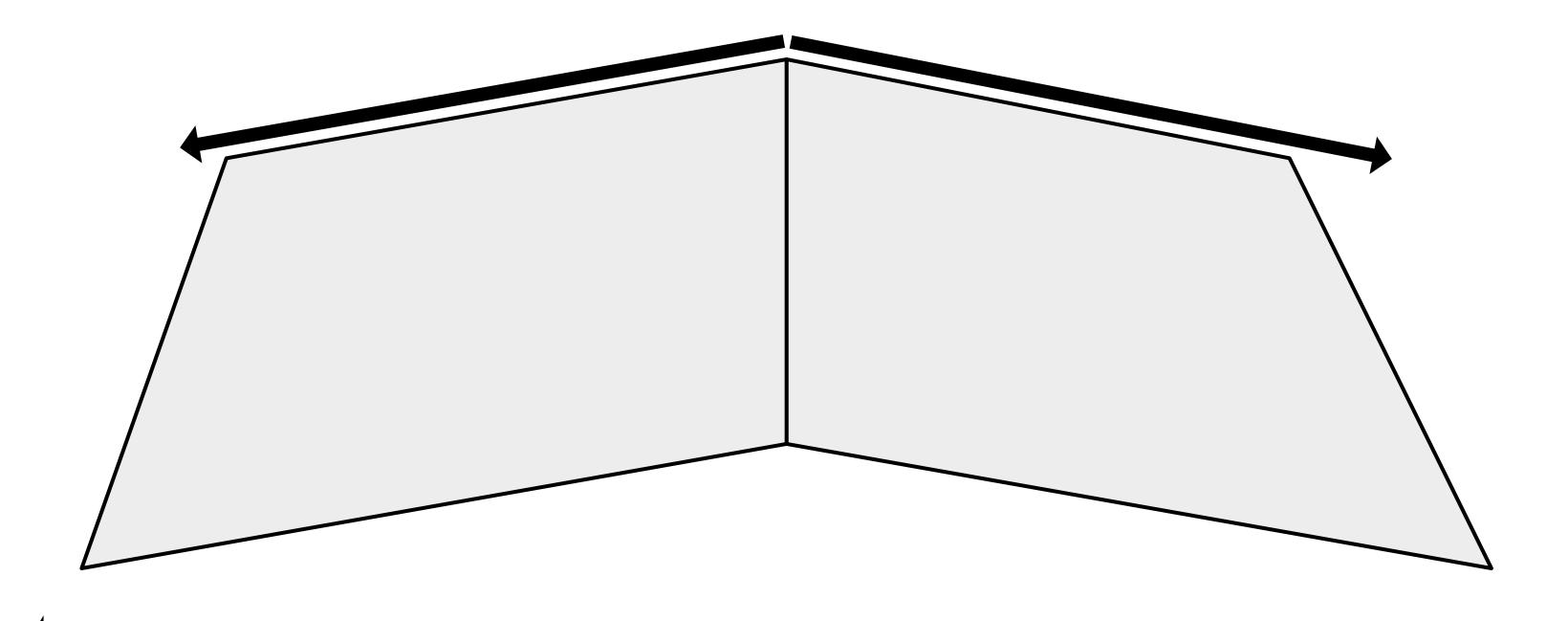
PART 12: DIFFUSE AND SPECULAR LIGHTING

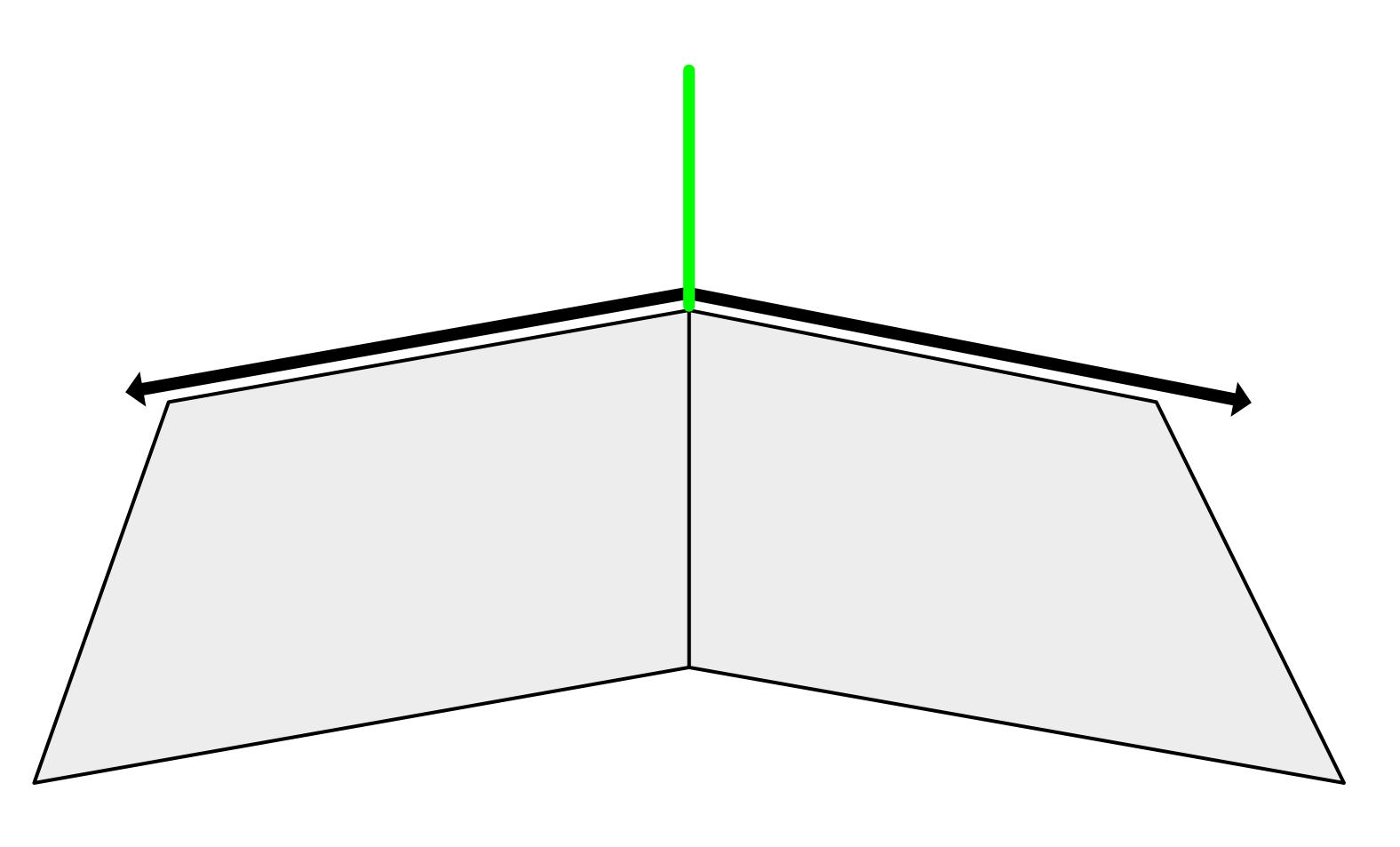




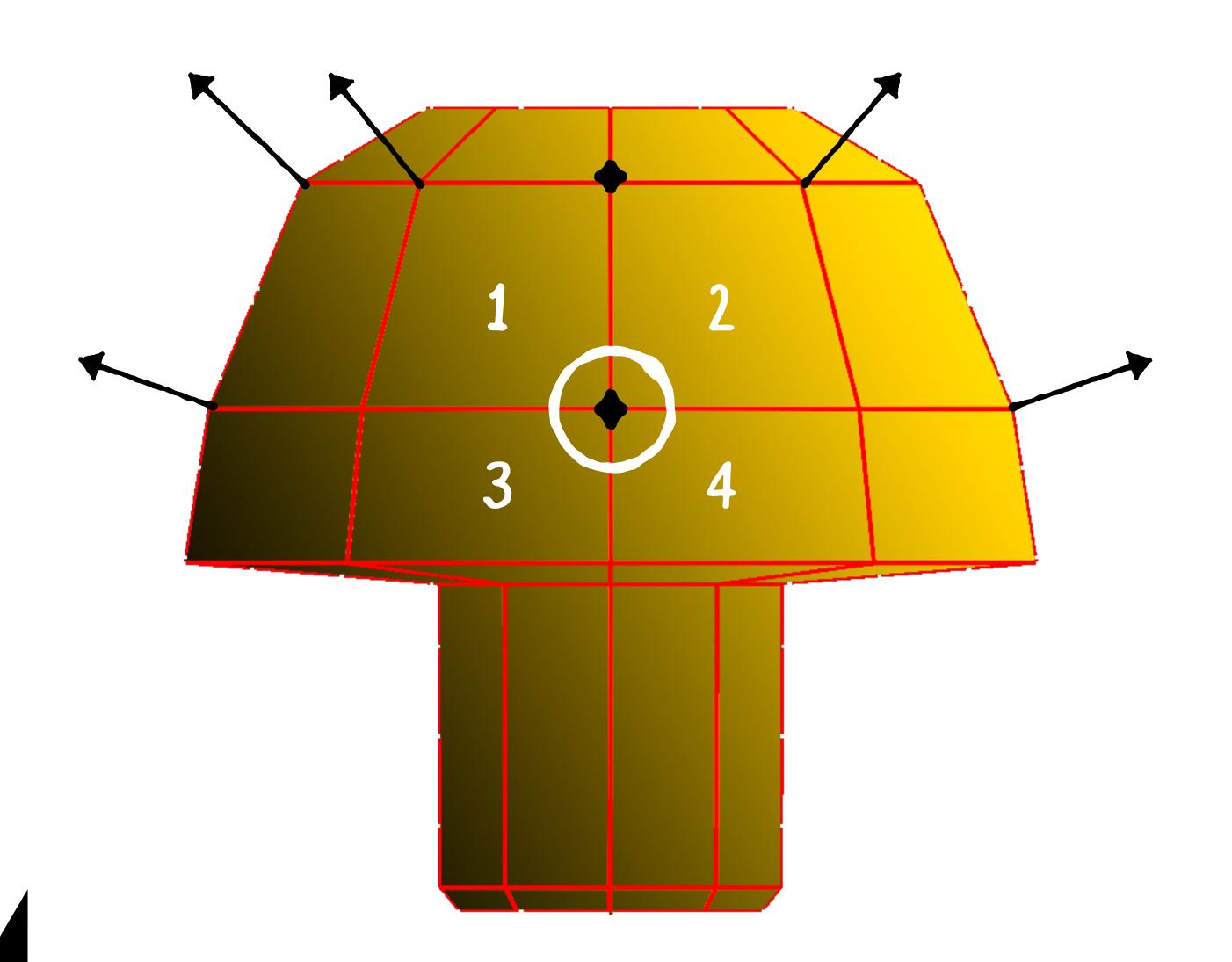


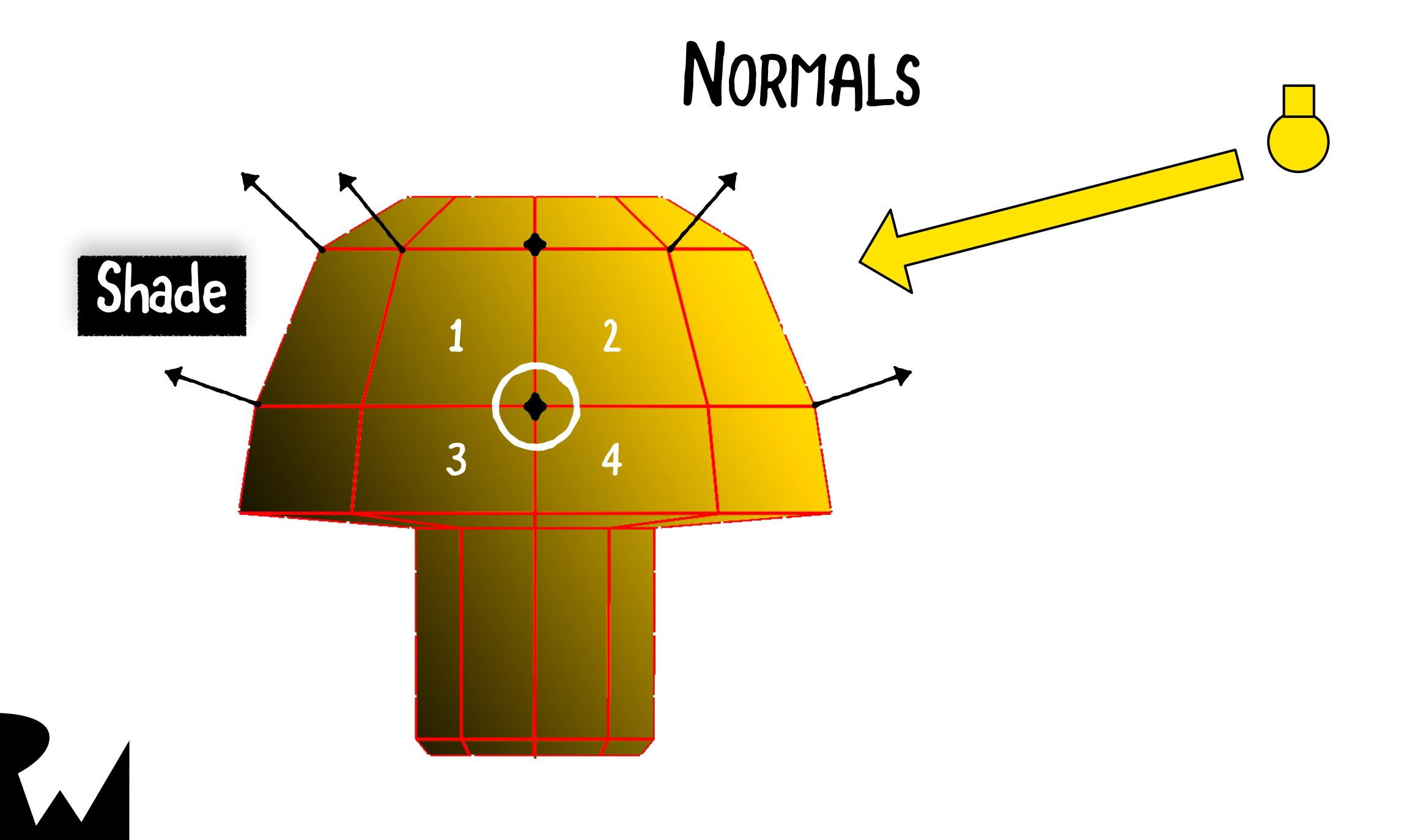




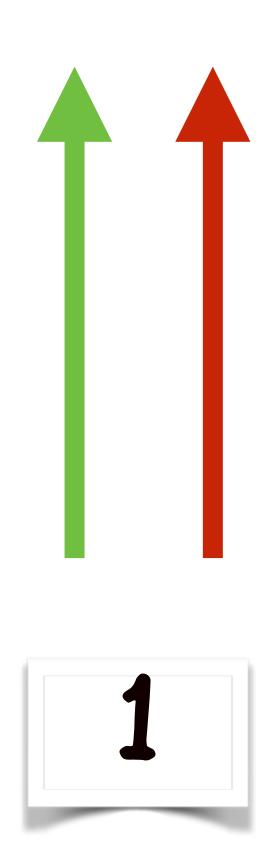






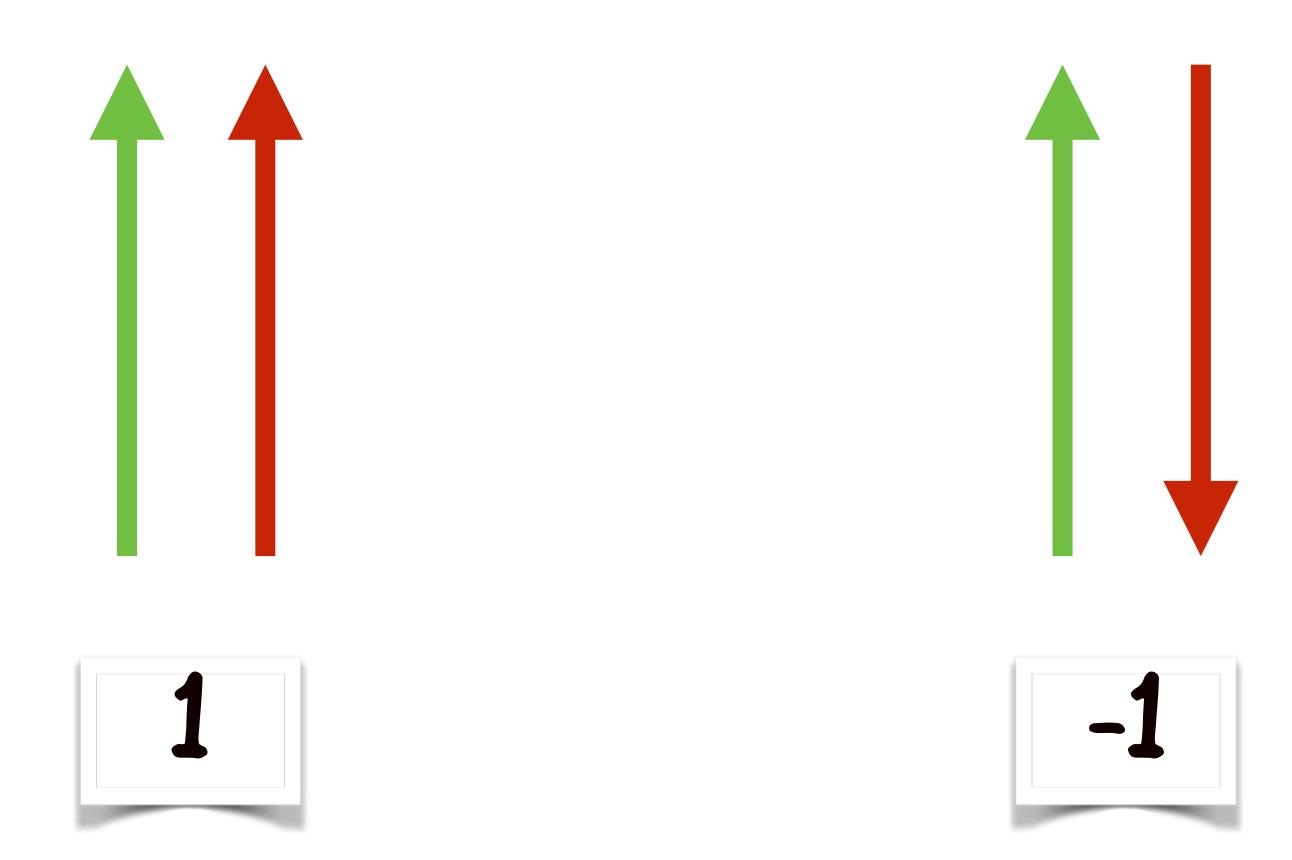


#### MATH - DOT PRODUCT



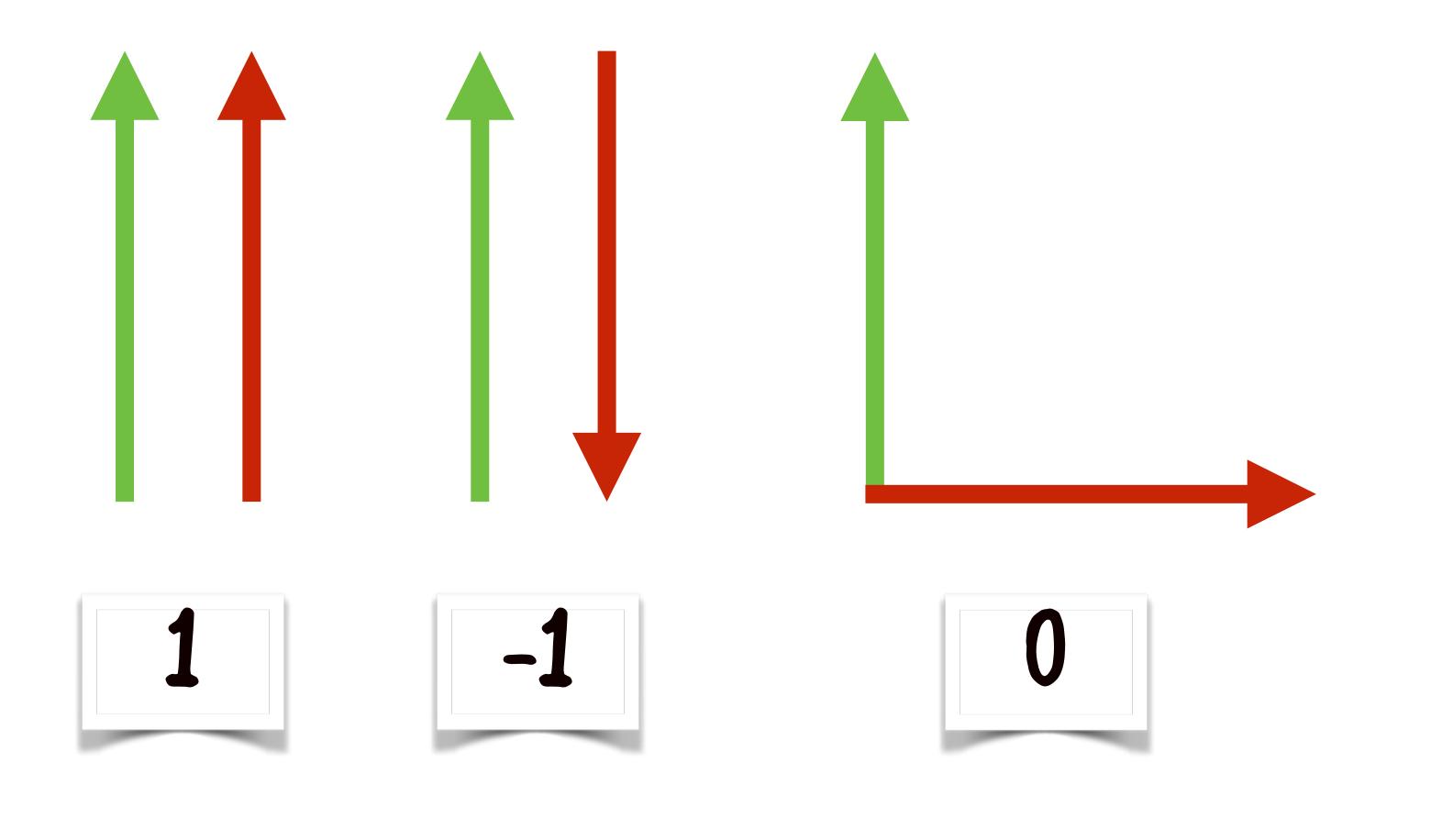


### MATH - DOT PRODUCT

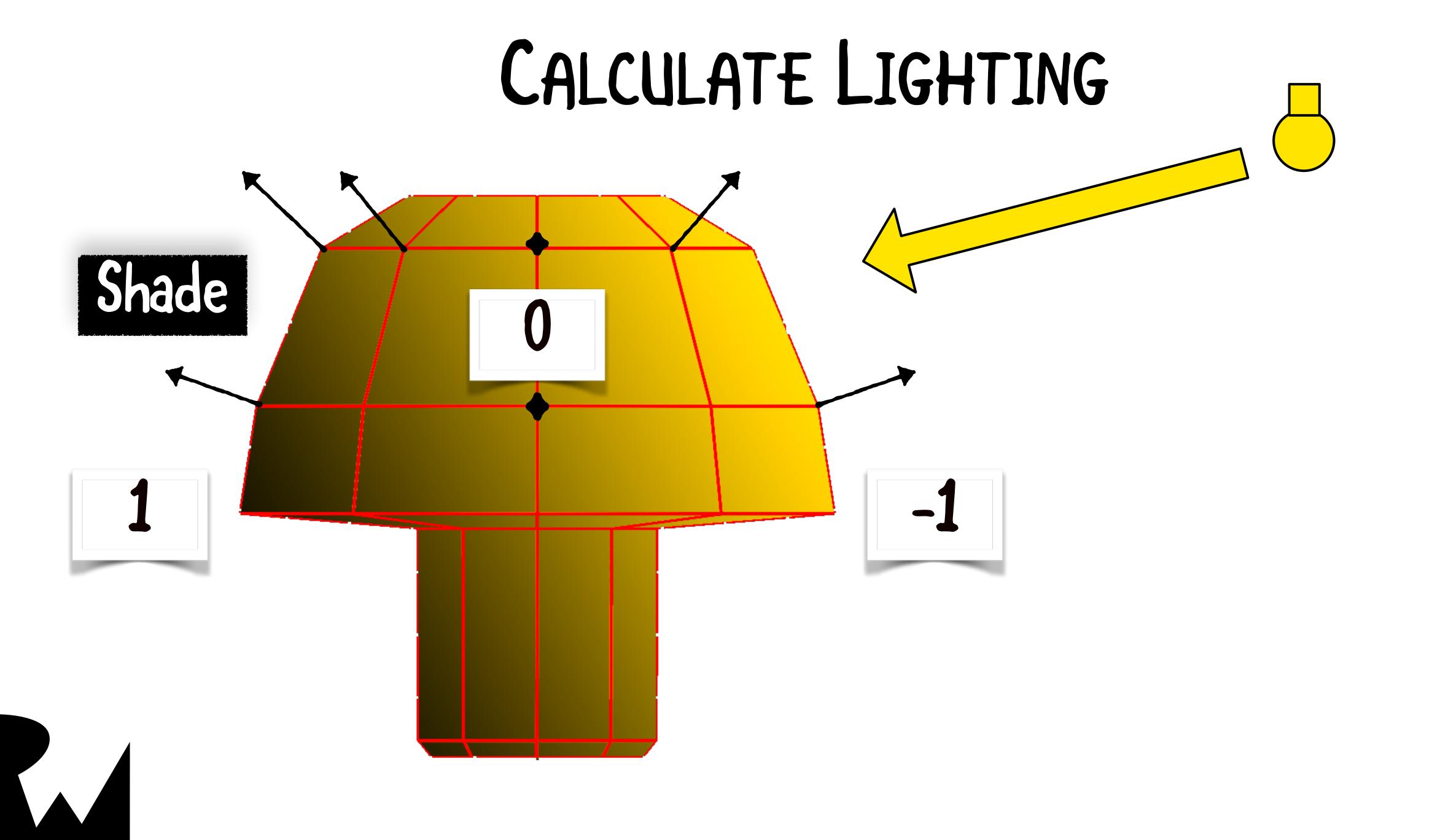




#### MATH - DOT PRODUCT







### CALCULATE DIFFUSE LIGHTING



#### CALCULATE DIFFUSE LIGHTING

Light color \* diffuse intensity \* diffuse factor



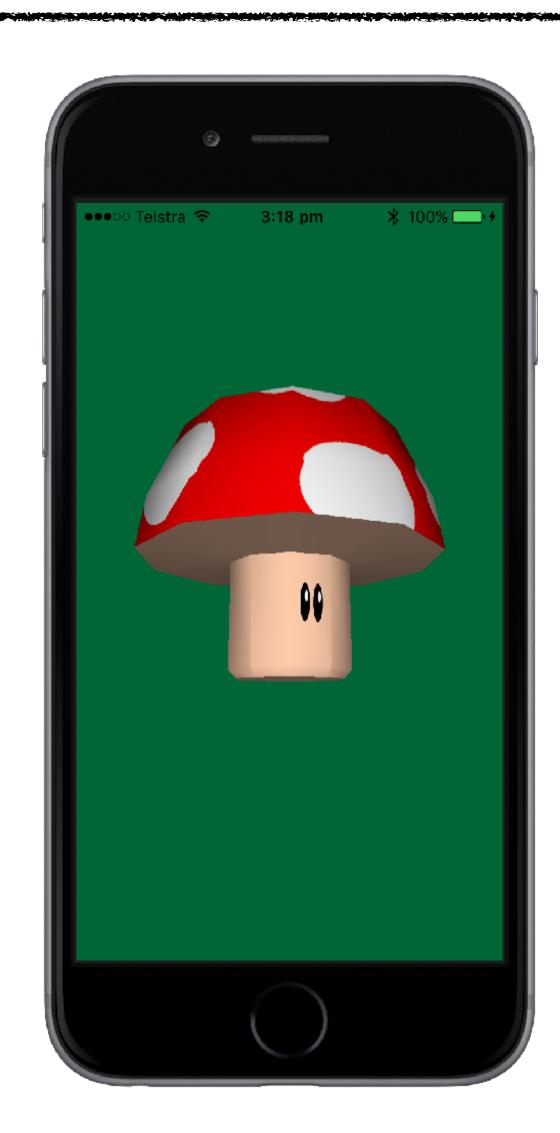
#### CALCULATE DIFFUSE LIGHTING

Light color \* diffuse intensity \* diffuse factor

Diffuse factor calculated from dot product



#### DEMO

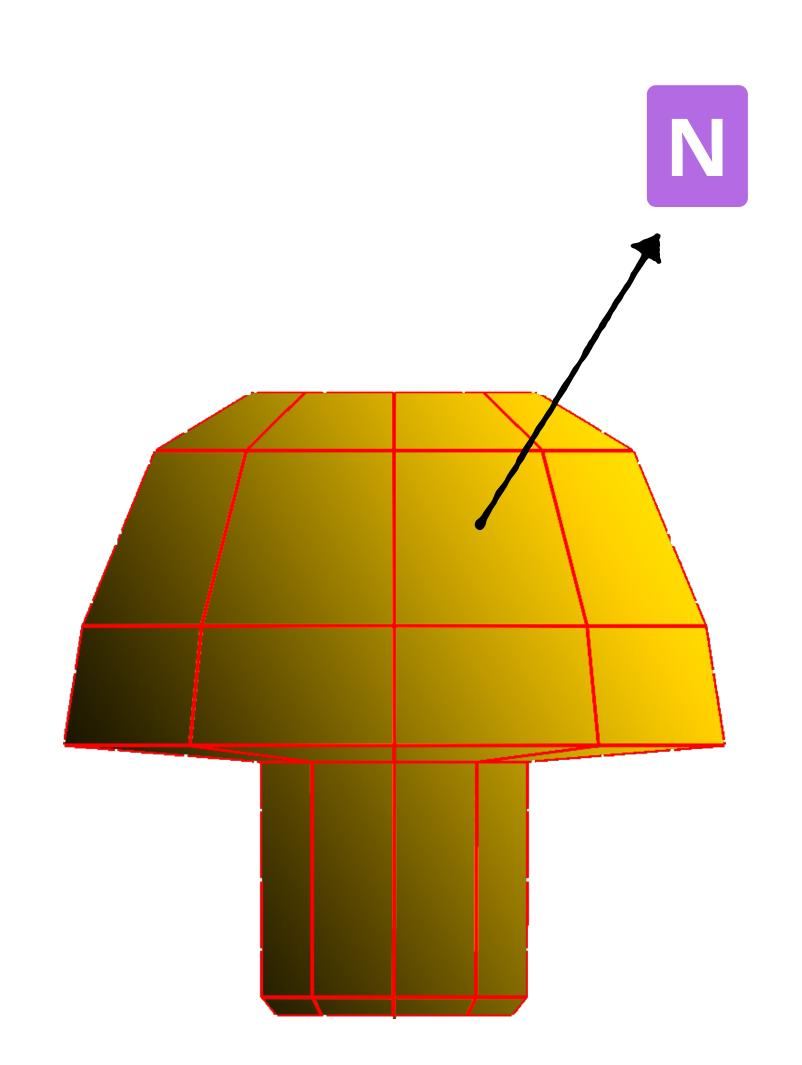


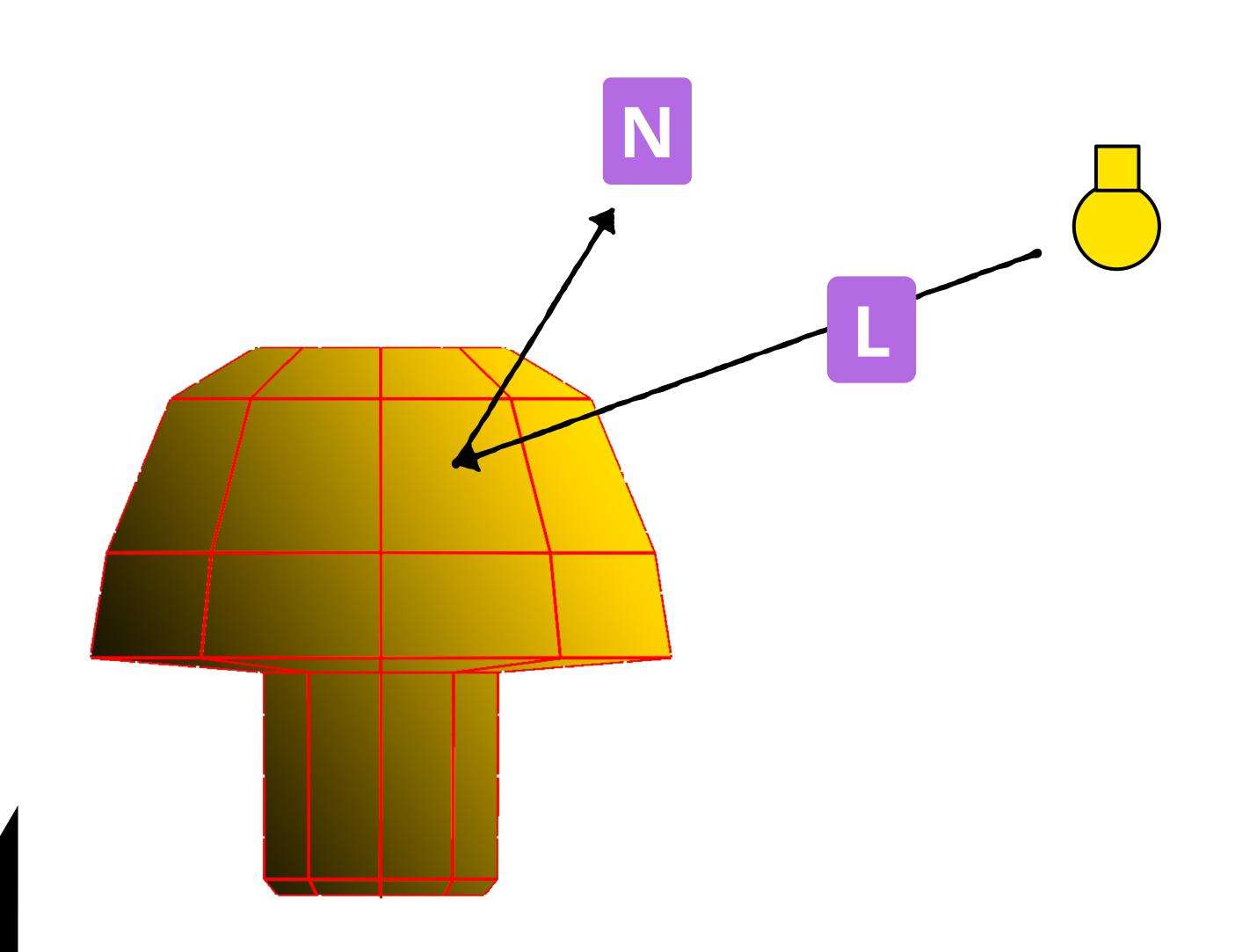


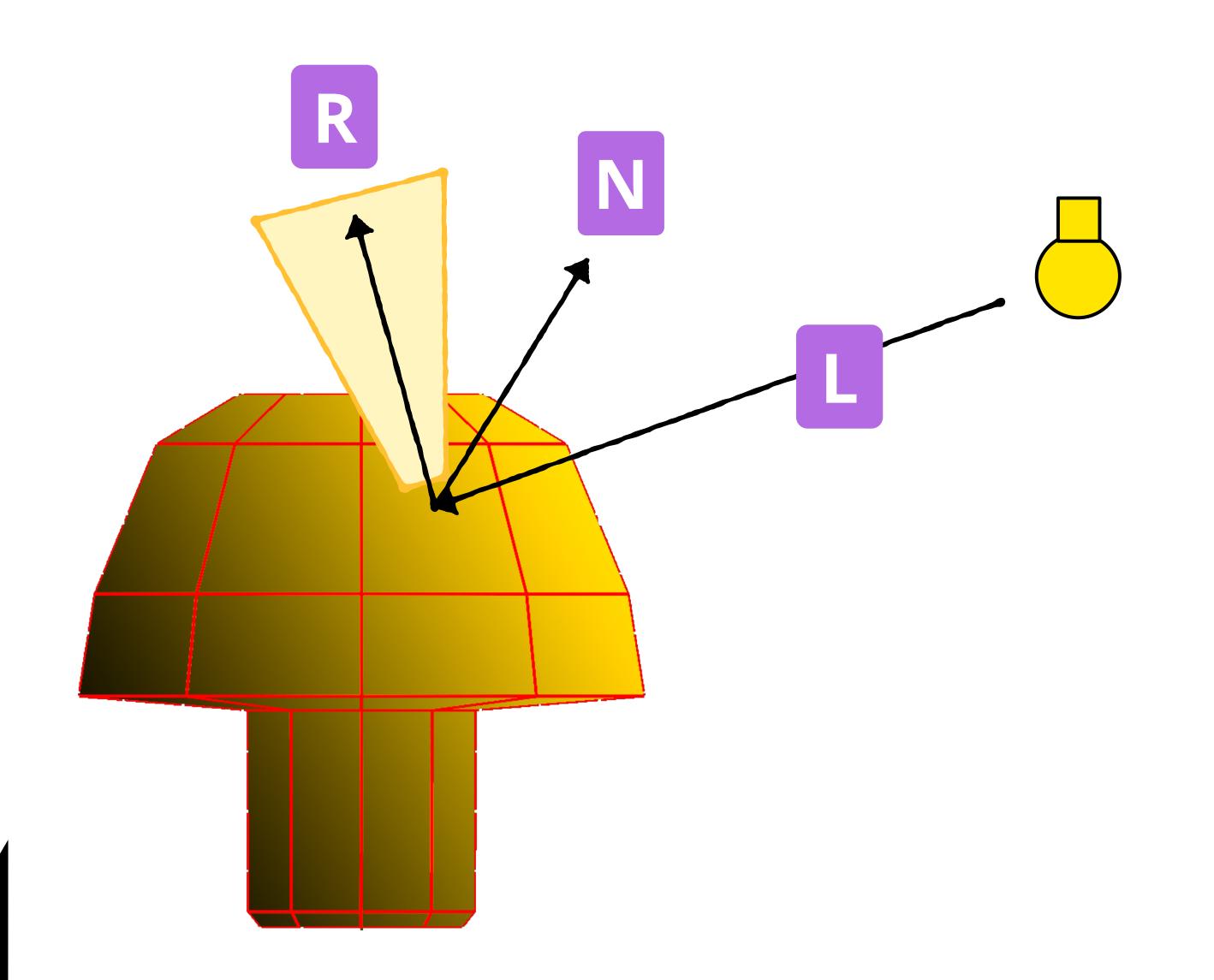
# CHALLENGE TIME!

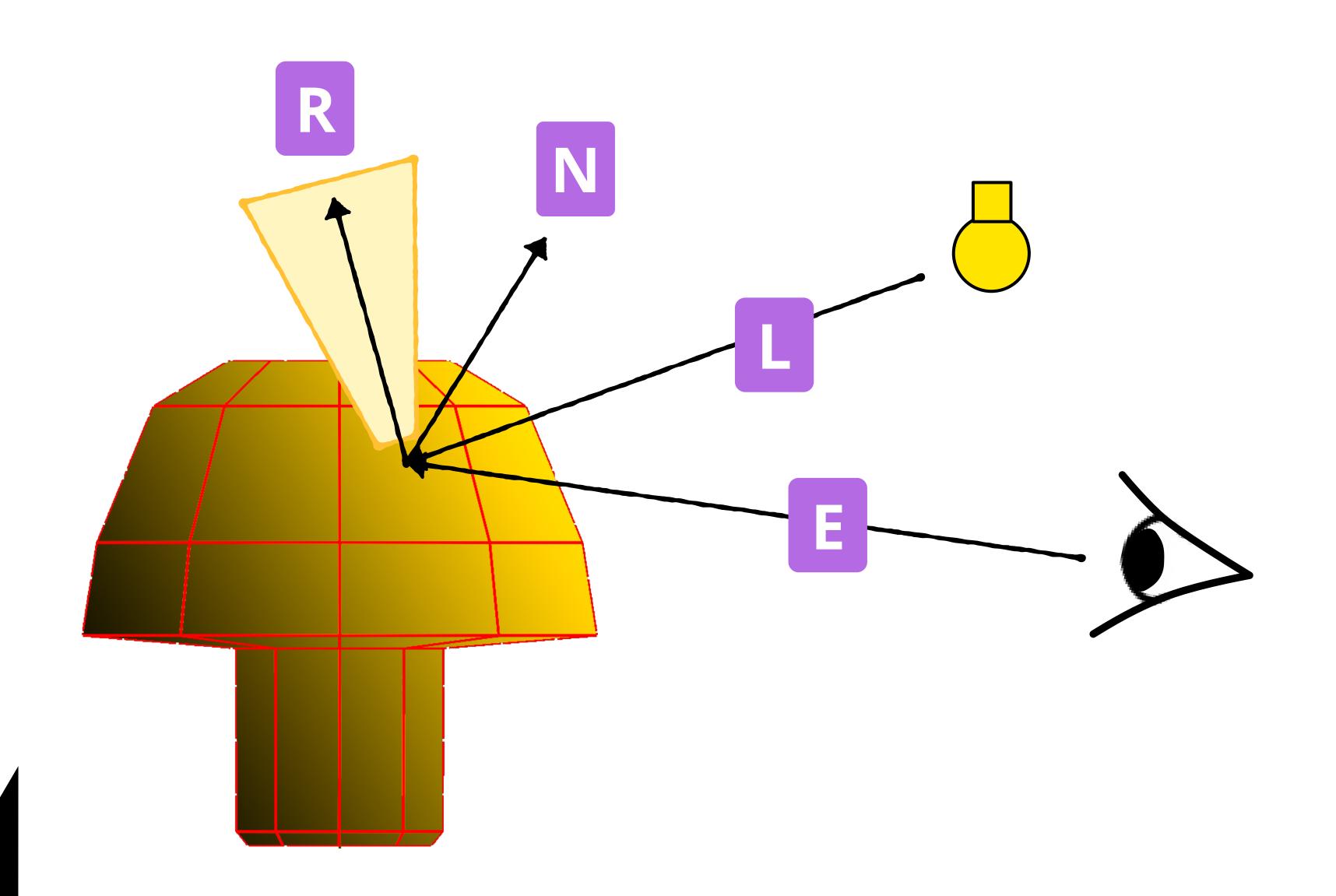


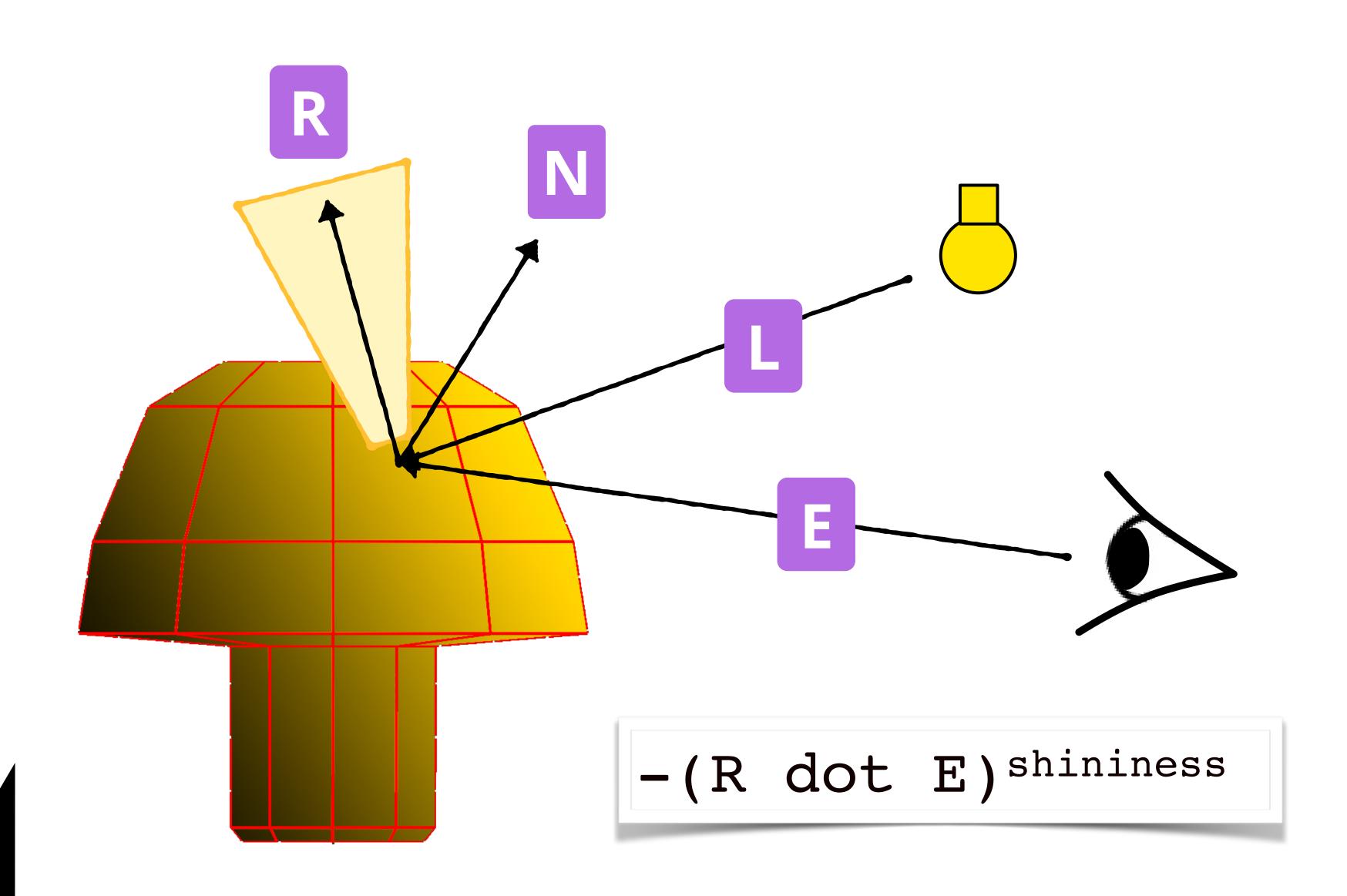












# CHALLENGE TIME!



