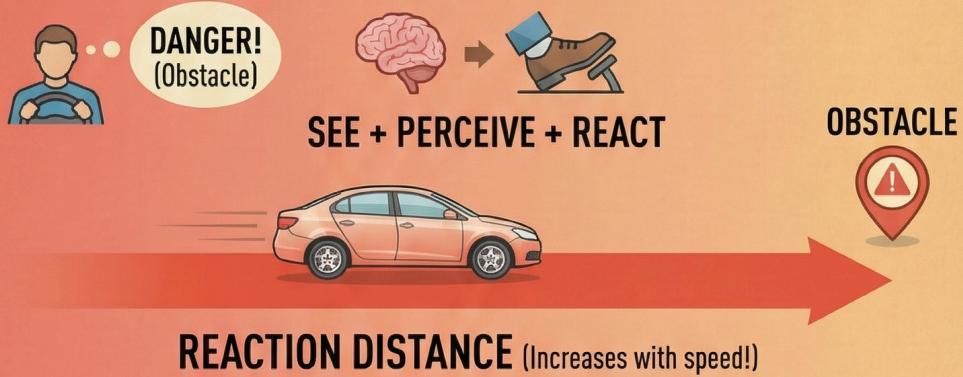
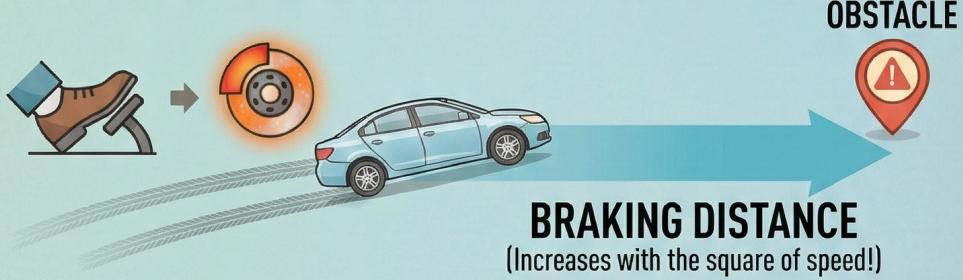


THE MATH OF STOPPING DISTANCE: REACTION + BRAKING = SAFE STOP

1. REACTION (PERCEPTION) STAGE

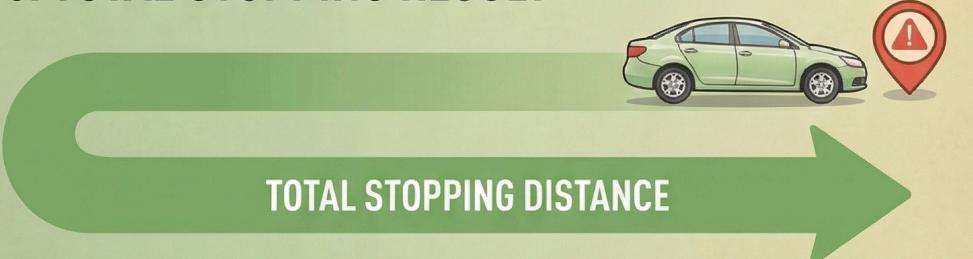


2. BRAKING STAGE



BRAKE SYSTEM ENGAGED + MECHANICAL DECELERATION

3. TOTAL STOPPING RESULT



STOPPING POINT = REACTION + BRAKING