

BATS ARE NATURE'S UNSUNG SUPERHEROES. EVERY NIGHT, BATS AND THEIR INSECT PREY ENGAGE IN AN EVOLUTIONARY ARMS RACE, EACH ONE ATTEMPTING TO OUTSMART THE OTHER. IN AN ATTEMPT TO EVADE INSECTIVOROUS BATS, PREY EMPLOY AN ANTIPREDATOR DEFENSE (ONE DEFENSE IS SONAR JAMMING). TONIGHT, THESE DEFENSES ARE NO MATCH FOR THE SUPERPOWERS OF BATS (ONE OF WHICH IS SUPERNATURAL HEARING). FROM THE INFORMATION GIVEN, DETERMINE EACH BAT'S SUPERPOWER, THEIR INSECT ADVERSARY, HOW MANY INSECTS THEY CAPTURED AND THE ANTIPREDATOR RESPONSE THEY DEFEATED.

- 1. THE BAT WITH SUPERNATURAL HEARING CAUGHT EXACTLY SEVEN FEWER INSECTS THAN THE BAT WHO DUELED GHOST SWIFTS AND EXACTLY SEVEN MORE INSECTS THAN THE SUPERHERO UNTHWARTED BY SONAR JAMMING.
- 2. THE "WHISPERING" SUPERHERO ENJOYED THE CHALLENGE OF ARCTIINE MOTHS, BUT COULD NOT WIN AGAINST EARLY FLIGHT.
- 3. ERRATICALLY FLYING PREY WERE NO MATCH FOR THE SUPERHERO WHO BATTLED NOCTUID MOTHS. THE SUPERHERO WHO PREYED ON SCORPIONS CAPTURED THREE.
- 4. THE BAT WITH THE POISON IMMUNITY SUPERPOWER DEFEATED THE PREY WHO USED ENVENOMATION.
- 5. THE ACROBATIC SUPERHERO WAS NEITHER THE BAT WHO SUCCESSFULLY CAPTURED "SILENT" PREY NOR THE BAT WHO PREVAILED OVER SONAR JAMMING. THE ACROBATIC SUPERHERO DID NOT CAPTURE 31 INSECTS.
- 6. THE SUPERHERO WHO CAPTURED 31 INSECTS WON THE BATTLE AGAINST EARLY FLIGHT.

		BAT SUPERPOWER					INSECT PREY					PREY RESPONSE				
		AERIAL ACROBATICS	"WHISPERING"	SUPERNATURAL HEARING	POISON IMMUNITY	ADAPTABILITY	GHOST SWIFT	NOCTUID MOTH	ARCTIINE MOTH	KATYDID	SCORPION	SONAR JAMMING	ERRATIC FLIGHT	CEASE SINGING	ENVENOMATION	EARLY FLIGHT
CAPTURES	3															
	10															
	17															
	24															
	31															
RESPONSE	SONAR JAMMING															
	ERRATIC FLIGHT															
	CEASE SINGING															
	ENVENOMATION															
	EARLY FLIGHT															
INSECT PREY	GHOST SWIFT															
	NOCTUID MOTH															
	ARCTIINE MOTH															
	KATYDID															
	SCORPION															

CAPTURES	SUPERPOWER	INSECT PREY	PREY RESPONSE