

FIVE MEMBERS OF THE SAME COLONY TRAVEL TO DIFFERENT RIVERS TO FORAGE FOR INSECTS. EACH BAT TRAVELS A DIFFERENT DISTANCE TO THEIR FAVORITE FORAGING SITE AND CAPTURES A DIFFERENT NUMBER OF INSECTS. FROM THE INFORMATION GIVEN, DETERMINE WHICH COLONY MEMBER TRAVELS TO WHICH RIVER, HOW FAR THEY TRAVEL AND THE NUMBER OF INSECTS THEY CAPTURE.

- 1. THE BAT WHO FORAGED AT RIO PUERCO CAUGHT TWICE AS MANY INSECTS AS THE BAT WHO TRAVELED 2 MILES.
- 2. HERBERT CAUGHT INSECTS OVER THE RIO GRANDE.
- 3. NEITHER CASA NOR BELLA FLEW 8 MILES.
- 4. BELLA (WHO CAUGHT 10 INSECTS) FLEW EXACTLY 1 MILE FURTHER THAN THE BAT WHO FORAGED AT THE GILA.
- 5. JUNIOR (WHO TRAVELED 5 MILES) CAUGHT A LOWER NUMBER OF INSECTS THAN CASA.
- 6. THE BAT WHO TRAVELED TO THE PECOS RIVER CAUGHT 35 INSECTS.

		RIVER					NO. INSECTS					DISTANCE				
		RIO GRANDE	PECOS	CIMARRON	GILA	RIO PUERCO	10	15	20	30	35	2	3	5	7	8
BAT	BELLA															
	STELLA															
	HERBERT															
	JUNIOR															
	CASA															
DISTANCE	2															
	3															
	5															
	7															
	8															
NO. INSECTS	10															
	15															
	20															
	30															
	35															

BAT	RIVER	NO. INSECTS	DISTANCE