5. We show the numbers of distinct parses represented for given sentences:

"John gave a book to Mary.",

The number of distinct parses represented:3

"John gave Mary a book.",

The number of distinct parses represented:1

"John gave Mary a nice drawing book.",

The number of distinct parses represented:2

"John ate salad with mushrooms with a fork.",

The number of distinct parses represented:5

"Book a flight to NYC.",

The number of distinct parses represented:2

"Can you book a flight to London?",

The number of distinct parses represented:2

"Why did John book the flight?",

The number of distinct parses represented:1

"John told Mary that he will book a flight today."

The number of distinct parses represented:3