



| n – m<br>is not zero  | Rover<br>is a dog | n > 1          | n is odd       |
|-----------------------|-------------------|----------------|----------------|
| Rover is not a cat    | n < m             | n is even      | n – m > 0      |
| $n^3 > 5n$            | n + m is odd      | 2n – m < 0     | n > m          |
| n <sup>2</sup> is odd | n + 1 is odd      | n > 0          | n > 2          |
| IF                    | IF                | IF             | IF             |
| IF AND ONLY IF        | IF AND ONLY IF    | IF AND ONLY IF | IF AND ONLY IF |