|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| p | q | r | q ^ r | p ^ (q ^ r) |
| T | T | T | T | T |
| T | T | F | T | T |
| T | F | T | T | T |
| T | F | F | T | T |
| F | T | T | T | T |
| F | T | F | F | T |
| F | F | T | F | T |
| F | F | F | F | F |

p- Ring Doorbell is alerted

q- Ringing the Doorbell

r- Walks up to the camera

p ^ (q ^ r) = The Ring Doorbell will be alerted when someone walks up to the camera or rings the doorbell