PROPOSICIONES COMPUSTAS

1. (P y Q) y P

|  |  |  |  |
| --- | --- | --- | --- |
|  P |  Q |  (P y Q) |  Y P |
|  V V F F  |  V F V F |  V F F F |  V V F V F F F F |

1. (P o Q) o -Q

|  |  |  |  |
| --- | --- | --- | --- |
|  P |  Q |  (P o Q)  |  O -P  |
|  V V F F  |  V F V F  |  V V V F  |  V F V F V V V V |

1. P (P y Q)



|  |  |  |  |
| --- | --- | --- | --- |
|  P  |  Q |  (P y Q) |  -Q  |
|  V V F F |  V F V F  |  V F F F  |  V V V V V F V F |

1. (P Q) y -Q

|  |  |  |  |
| --- | --- | --- | --- |
|  P |  Q |  (P Q) |  Y -Q  |
|  V V F F |  V F V F |  V F V V  |  F F F V F F V V  |

1. (-P y Q) o (P y -Q)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  P |  Q |  (P y Q) |  O  | (P y -Q) |
|  V V F F  |  V F V F  |  F F V F  |  F V V F  |  F V F F  |