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 |