Assignment

### Truth Table:

| P | Q | ¬P | ¬P ∨ Q | P → Q |
| --- | --- | --- | --- | --- |
| false | false | true | true | true |
| false | true | true | true | true |
| true | false | false | false | false |
| true | true | false | true | true |

**Both columns (¬P ∨ Q and P → Q) are identical, confirming that**  
**P → Q is logically equivalent to ¬P ∨ Q.**