

Math 131 - Dr. Miller - Activity #2: Negations

Write a logically correct negation for each statement below:

1. If Silver isn't a cat, then Sam isn't a dog.

2. If $y + 5 = 2$ and $x \leq 0$, then $x^y = 4$ or $3 \geq x$.

3. Brandon plays football, and if he wins, then he's happy.

4. If $x = 0$, then $y^2 = 5$, and if $y^2 = 5$, then $z = 4$.