

Math 245: 2.1 Translating English into Logic symbols

H = John is healthy

W = John is wealthy

S = John is wise

1. John is healthy and wealthy, but not wise
2. John is not wealthy, but he is healthy and wise
3. John is neither healthy, wealthy, nor wise
4. John is neither wealthy nor wise, but he is healthy
5. John is either wise or wealthy, but not both.