To convert the mixed number **-11 5/6** to a decimal, follow these steps:

1. **Separate the whole number and the fraction:** The mixed number is composed of a whole number, -11, and a fraction, 5/6.
2. **Convert the fraction to a decimal:** To do this, divide the numerator (5) by the denominator (6):

    - 5 ÷ 6 = 0.8333 (repeating)

3. **Add the decimal to the whole number:** Since the whole number is negative, you will add the decimal value to it, keeping the negative sign:

    -11 + (-0.8333) = -11.8333

4. **Write the final result:** The decimal representation of -11 5/6 is **-11.8333**.

Thus, -11 5/6 as a decimal is **-11.8333**.