

To convert the mixed number **$-1 \frac{1}{11}$** into a decimal, follow these steps:

1. **Identify the whole number and the fraction:** In this case, -1 is the whole number, and $\frac{1}{11}$ is the fraction.
2. **Convert the fraction to a decimal:** To do this, divide the numerator (1) by the denominator (11).
 $1 \div 11 = 0.090909\dots$ (this is a repeating decimal).
3. **Add the decimal to the whole number:** Since our mixed number is negative, we combine the negative whole number with the decimal:
 $-1 + (-0.090909\dots) = -1.090909\dots$
4. **Final result:** The decimal representation of $-1 \frac{1}{11}$ is approximately **-1.09** or more precisely, **$-1.090909\dots$** depending on how many decimal places you wish to express.

So, the final answer is: **$-1.090909\dots$** . You can round it as needed based on your requirements.