

## LIFE IN THE UNIVERSE — AST 07

### HW #12

**Complete sentences, no txt spelling in Ur wrk! :)**

**Include your name and 2-digit ID#.**

**Due at the beginning of the next class.**

**Machine-printed only; no email, no handwritten.**

Q1: What does the Drake Equation attempt to calculate?

Q2: Define the Drake Equation term  $f_{\text{civ}}$ .

Q3: Which of the three general categories of broadcast signals is most likely to be detected at great distances?

Q4: Define the first civilization type as defined by Kardashev

Q5: What does METI stand for, and what do scientists engaged in it try to do?

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