

The offset of `t` in `str2` is 8, and the offset of `u` in `str2` is 32. So we know that:

$$4 < B \leq 8$$

$$6 < A \leq 10$$

The offset of `y` in `str1` is 184, so we know that:

$$176 < 4 \times A \times B \leq 184$$

So the answer is:

$$A = 9 \text{ and } B = 5.$$