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Instructor: UVIC Math
Course: MATH 100 (A01, A02, A03) Fall **Assignment:** Assignment 7
2021

15. Find the following limit.

$$\lim_{x \rightarrow \infty} \frac{2^x - 3^x}{2^x + 5^x}$$

$$\lim_{x \rightarrow \infty} \frac{2^x - 3^x}{2^x + 5^x} = \boxed{0} \text{ (Simplify your answer.)}$$