

習題集 3 簡答

(對應 [張旭微積分](#) 連續篇重點三：極限和連續的聯手)

1. There is no such x -value.
2. $x = -3$.
3. There is no such x -value.
4. $a = 3$.
5. $a = 0, b = -2$.
6. There is no such x -value.
7. There is no such x -value.
8. $x = 2, \frac{\pi}{2} - 2 + k\pi \ (k \in \mathbb{Z})$.
9. $x \geq \sqrt[6]{6}$ but $x \neq \sqrt[6]{6^6 + 6}$, or, $x \leq -\sqrt[6]{6}$ but $x \neq -\sqrt[6]{6^6 + 6}$. That is, the set $[\sqrt[6]{6}, \infty) - \{\sqrt[6]{6^6 + 6}\} \cup (-\infty, -\sqrt[6]{6}] - \{-\sqrt[6]{6^6 + 6}\}$.
10. $\frac{1}{4}$.

註 [丈哥](#)有拍攝偶數題的講解影片，有需要的同學可以連接到張旭老師YT頻道的[播放清單](#)觀看！