

d) f continu in J-00,0 J want 1) of continu in a E J-a, o[2) of is links continue in o 6 7B ∀E>0, ∃8>0, ∀x ∈ dom |: |x-2|<8 ⇒ | f(x)-f(2) | <E 1 Nu is | f(x) - f(2) | < E (=) |3X+1-7/ < E B 1-2x+15 (15 CE) € 3x-6 < € (S) (3(x-2)) < E dus kies $S \leq \frac{E}{3}$ 707-1X (=) (311X-21<E $|x| = |x - 2| < \frac{\varepsilon}{2}$ (8) a) $x^2 - 1 = 0$ (=) $x = 1 \lor x = -1$ J' continu in $|R| \lor 1 - 1, 1 \lor 3$ b) $x^{2} - 13x - 48 > 0$ $D = 13^{2} - 4 \cdot 1 \cdot (-48) = 361 = 19^{2}$ $x_{1} = \frac{13 - 19}{2} = 3$ $x_{2} = \frac{13 + 19}{2} = 16$ J continu in J-00,-3JU [16,+∞[in mich gode fin cond in it