Qijiz | week 2 $x^{3}y$ $d(x,y) = x^{6}+y^{2}$ Let x = 0 $\lim_{xy \to 0, 0} \frac{x^{3}y}{x^{6}+y^{2}} = \underbrace{(0)^{3}y}_{xy \to 0, 0} = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{2}} \right| \le \left| \frac{x^{3}y}{y^{2}} \right| = \left| \frac{y^{4}}{y^{2}} \right| = 19^{2} = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{2}} \right| \le \left| \frac{y^{3}y}{y^{2}} \right| = \left| \frac{y^{4}}{y^{2}} \right| = 19^{2} = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{2}} \right| \le \left| \frac{y^{3}y}{y^{2}} \right| = \left| \frac{y^{4}}{y^{2}} \right| = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{2}} \right| \le \left| \frac{y^{3}y}{y^{2}} \right| = \left| \frac{y^{4}}{y^{2}} \right| = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{2}} \right| = \left| \frac{y^{4}}{y^{2}} \right| = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{2}} \right| = \left| \frac{y^{4}}{y^{2}} \right| = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{2}} \right| = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}+y^{6}} \right| = 0$ $0 \le \left| \frac{x^{3}y}{x^{6}} \right| = 0$ $0 \le \left$

