

MATCH THE CORRECT ANSWER

$$\frac{dy}{dx}$$

$$x$$

$$\frac{d^2y}{dx^2}$$

$$\text{If } P(0) \neq 0, z = 0$$

$$\text{If } P(0) = 0, z = 0$$

$$\frac{1}{z}$$

$$2z^3 \frac{dy}{dz} + z^4 \frac{d^2y}{dz^2}$$

is a singular point

$$-z^2 \frac{dy}{dz}$$

is an ordinary point