

$$1) \quad f(x) = \frac{1}{\sin^2 3x} \Rightarrow F(x) = \frac{\varepsilon\varphi 3x}{3} + c$$

$$2) \quad f(x) = \frac{1}{\sin^2 7x} \Rightarrow F(x) = \frac{\varepsilon\varphi 7x}{7} + c$$

$$3) \quad f(x) = \frac{1}{\sin^2 8x} \Rightarrow F(x) = \frac{\varepsilon\varphi 8x}{8} + c$$

$$4) \quad f(x) = \frac{1}{\sin^2 \frac{x}{3}} \Rightarrow F(x) = \frac{\varepsilon\varphi \frac{x}{3}}{\frac{1}{3}} + c$$

$$5) \quad f(x) = \frac{1}{\sin^2 \frac{x}{9}} \Rightarrow F(x) = \frac{\varepsilon\varphi \frac{x}{9}}{\frac{1}{9}} + c$$

$$6) \quad f(x) = \frac{1}{\sin^2 (2x-7)} \Rightarrow F(x) = \frac{\varepsilon\varphi (2x-7)}{2} + c$$

$$7) \quad f(x) = \frac{1}{\sin^2 (3x-2)} \Rightarrow F(x) = \frac{\varepsilon\varphi (3x-2)}{3} + c$$

$$8) \quad f(x) = \frac{1}{\sin^2 (-x+4)} \Rightarrow F(x) = \frac{\varepsilon\varphi (-x+4)}{-1} + c$$