

# تدريبات

$$(1) \lim_{x \rightarrow 0} \frac{\sin 3x}{8x}$$

$$\frac{1}{8}$$

$$\frac{3}{8}$$

$$(2) \lim_{x \rightarrow 0} \frac{2x + \tan 4x}{x}$$

$$6$$

$$8$$

$$(3) \lim_{x \rightarrow 0} \frac{\sin 3x \times \tan x}{4x^2}$$

$$\frac{3}{4}$$

$$\frac{1}{4}$$

$$(4) \lim_{x \rightarrow 0} \frac{\sin 2x - \cos x + 1}{x}$$

$$2$$

$$3$$