

Nama :

Kelas :

LIMIT FUNGSI TRIGONOMETRI

1. $\lim_{x \rightarrow \frac{\pi}{2}} \frac{1 - \sin 2x}{\cos^2 2x} =$

☐ -1

☐ $\frac{1}{2}$

☐ 2

☐ 0

☐ 1

2. $\lim_{x \rightarrow \frac{\pi}{2}} \frac{1 + \cos 2x}{2 \cos x} =$

☐ -1

☐ $\frac{1}{2}$

☐ 2

☐ 0

☐ 1

3. $\lim_{x \rightarrow 0} \frac{\sin 3x + \sin x}{\sin x} =$

☐ -1

☐ 1

☐ 4

☐ 0

☐ 2