

# QUIZZZ

LIMIT ALJABAR  
16 Questions

NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

DATE : \_\_\_\_\_

1.  $\lim_{x \rightarrow -5} (2x^4 + 3x^3 - 25)$  adalah ....

A 1.400

B 875

C 1.600

D 1.650

E 850

2. Nilai  $\lim_{x \rightarrow 1} \frac{x^2 - 5x + 4}{x - 1}$  adalah ....

A 5

B -3

C 0

D -5

E -4

3.  $\lim_{x \rightarrow 16} \frac{\sqrt{x} - 4}{x - 16} = \dots$

A  $\frac{1}{2}$

B  $\frac{1}{4}$

C 0

D  $\frac{1}{8}$

E  $\infty$

4.  $\lim_{x \rightarrow 2} \frac{x^2 - 4}{2x^2 + 4x - 16} = \dots$

A  $\frac{1}{2}$

B  $\frac{1}{4}$

C 1

D  $\frac{1}{3}$

E 0

5.  $\lim_{x \rightarrow 1} \frac{2x^2 - 2}{x - 1} = \dots$

A -1

B 2

C 1

D -2

E 4

?

6.  $\lim_{x \rightarrow 2} \frac{x^2 - 5x + 6}{x^2 + 2x - 8} = \dots$

A 1

B  $-\frac{1}{6}$

C  $\frac{1}{6}$

D  $-\frac{1}{12}$

E 2

7. Nilai dari

$$\lim_{x \rightarrow -4} \frac{x^2 - 6x + 8}{x - 4} = \dots$$

A 2

B 0

C 6

D 8

E -6

8.  $\lim_{x \rightarrow 1} \frac{2x^2 - x - 3}{3x^2 + 8x + 5} =$

A  $-\frac{1}{8}$

B  $-\frac{4}{5}$

C 2

D  $\frac{3}{14}$

E  $\frac{2}{3}$

9.  $\lim_{x \rightarrow 3} \frac{x^2 - 10x + 21}{x^2 - 9} =$

A -1

B 0

C  $\frac{2}{3}$

D  $-\frac{2}{3}$

E  $-\frac{4}{3}$

10.  $\lim_{x \rightarrow 2} \left( \frac{6}{x^2 - x - 2} - \frac{2}{x - 2} \right) = \dots$

A -1

B  $\frac{1}{2}$

C 2

D  $-\frac{2}{3}$

E  $\infty$