

LIMIT MENDEKATI TAK HINGGA

Nama:

Kelas:

$$1. \lim_{x \rightarrow \infty} \frac{8x^3 + 2x^2 - 5}{2x^3 - 4x + 10} =$$

$$2. \lim_{x \rightarrow \infty} \frac{3x^3 - x^2 - 7}{x^2 + 5x} =$$

$$3. \lim_{x \rightarrow \infty} \frac{2x^3 + 6x^2 - 2}{2x^3 - 5x + 3} =$$

$$4. \lim_{x \rightarrow \infty} \frac{2x^3 + 4x^2 - 1}{3x^4 - 5x + 1} =$$

$$11. \lim_{x \rightarrow \infty} \sqrt{16x^2 + 4x - 5} - \sqrt{16x^2 - 2x + 1} =$$

$$12. \lim_{x \rightarrow \infty} \sqrt{3x^2 + 3x - 6} - \sqrt{x^2 - x + 2} =$$

$$13. \lim_{x \rightarrow \infty} \sqrt{4x^2 + 3x - 6} - \sqrt{4x^2 - 5x + 2} =$$

$$14. \lim_{x \rightarrow \infty} \sqrt{x^2 + 5x - 1} - \sqrt{2x^2 - 3x + 1} =$$

$$15. \lim_{x \rightarrow \infty} \sqrt{9x^2 + 8x - 2} - \sqrt{9x^2 + 2x - 3} =$$

$$16. \lim_{x \rightarrow \infty} \sqrt{5x^2 + 2x + 3} - \sqrt{3x^2 - 2x + 1} =$$

$$17. \lim_{x \rightarrow \infty} \sqrt{4x^2 + 4x + 3} - (2x - 1) =$$

$$18. \lim_{x \rightarrow \infty} (2x - 3) - \sqrt{4x^2 - 16x + 1} =$$

$$19. \lim_{x \rightarrow \infty} \sqrt{3x^2 + 5x - 1} - \sqrt{2x^2 - 3x + 1} =$$

$$20. \lim_{x \rightarrow \infty} (3x - 1) - \sqrt{9x^2 - 24x + 1} =$$

$$5. \lim_{x \rightarrow \infty} \frac{4x^4 + 5x^2 - 2}{2x^4 - 5x} =$$

$$6. \lim_{x \rightarrow \infty} \frac{8x^3 + 3x^2 - 3}{6x + 1} =$$

$$7. \lim_{x \rightarrow \infty} \frac{6x^3 + 2x^2 - 6}{2x^2 - 3x^3} =$$

$$8. \lim_{x \rightarrow \infty} \frac{x^4 - 3x^2 - 3}{x^2 + 5x} =$$

$$9. \lim_{x \rightarrow \infty} \frac{3x^2 - 4}{2x^3 - 4x + 10} =$$

$$10. \lim_{x \rightarrow \infty} \frac{6x^3 - 4}{2x^3 - 4x + 10} =$$

Selamat mengerjakan