$$\lim_{x \to 1} \frac{x^4 + 3x^3 - 13x^4 + d7x + 36}{x^3 + 3x - 4} =$$

$$\lim_{x \to 1} \frac{x^4 + 3x^3 - 13x^4 + d7x + 36}{x^3 + 3x - 4} =$$

$$\frac{x^{3}-9}{x^{4}+3x^{3}-13x^{2}-27x+36}$$

$$= \frac{x^{4}+3x^{3}-13x^{2}-27x+36}{x^{4}+3x^{3}-13x^{2}-27x+36}$$

$$= \frac{-9x^{3}-27x+36}{-9x^{3}-27x+36}$$

$$= \lim_{x \to 1} \frac{x_4 + 3x_3 - 13 - 2x_3 -$$

$$= \lim_{x \to 1} \frac{1}{x^3 + 3x - 4} = \sum_{x \to 1} \frac{x_{\text{amonewa Tshega}}}{x_{\text{off}}} = \sum_{x \to 1} \frac{x_{\text{amonewa Tshega}}}{x_{\text{off}}} = \sum_{x \to 1} \frac{x_{\text{amonewa Tshega}}}{x_{\text{off}}} = \sum_{x \to 1} \frac{x_{\text{off}}}{x_{\text{off}}} = \sum_$$

 $=\lim_{x\to 1} \left[x - 3 \right] = \frac{1}{x^2}$ Character Shegameno Direct substitution

$$= (1)^{2} - 9$$

$$= 1 - 9$$

= -8

The answers that were calculated