第一章

考点一定义域

2. 规则

- 。 大于取两边小于取中间
- 。 分段函数的定义域: 最终结果取并集U

13| 1:
$$y = \sqrt{16-x^2} + \ln(x-2)$$
 $x^2 - 16 = 0$
 $(16-x^2 > 0 \Rightarrow 16 > x^2 \Rightarrow x^2 \le 16 \Rightarrow -4 \le x \le 4$
 $(16-x^2 > 0 \Rightarrow x > 2)$
 $(16-x^2 > 0 \Rightarrow x^2 + 16 = 0)$
 $(16-x^2 > 0 \Rightarrow x^2 + 16 \Rightarrow x > 2)$
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$$| VK | T^{2} = / \Lambda^{-1} + V = / \Lambda^{-1} |$$

$$| -2 | 1 | 2$$

$$| -2 | 1 | V | = | 1 | 1 | 2$$

$$| -2 | 1 | V | = | 1 | 1 | 2$$

$$| -2 | 1 | V | = | 1 | 2$$

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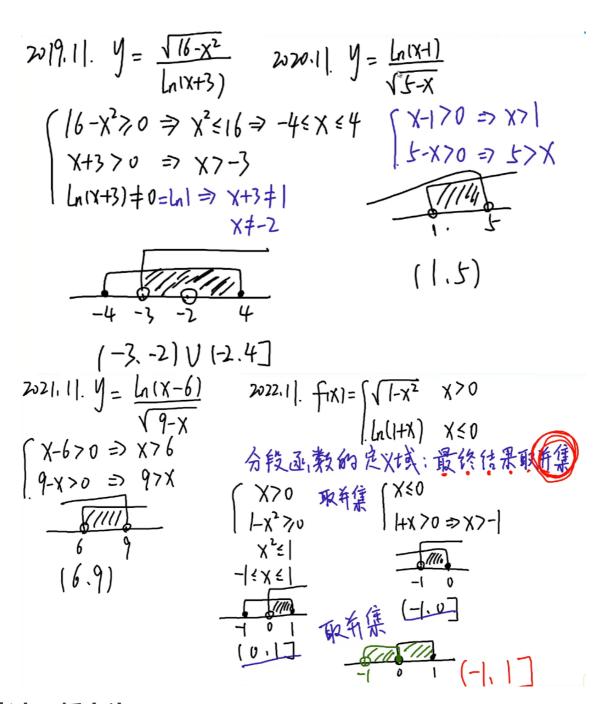
$$| -2 | 1 | V | = | 1 | 2$$

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$$| -2 | 1 | V | = | 1 | 2$$

$$| -2 |$$

Ln 1=0



考点二抓大头

2022. [2.
$$| \lim_{X \to \infty} \frac{0x^2}{|X+1|^3 - X^3} = 2. | x | A = \underbrace{(A+b)^3 = (A^3 + 30^2 b + 30b^2 b^3 + 30^2 b^2 + 30^2$$

考点三 1^{∞}

$$|A| : \lim_{X \to \infty} (1 + \frac{1}{X+1}) = \frac{1}{X+1} = \frac{1}{X$$

考点四无穷小的比较

VH捌一~兰韵

×, (1+x -1 ~ = x (1+x1_m-1 ~ mx