

$x \rightarrow 2$
대입
답

$$\sqrt{4} + a = 0 \leftarrow \text{분자가 } 00 \text{이므로}$$

$$a = -\sqrt{4} = -2$$

$$\frac{(\sqrt{2x} - 2)(\sqrt{2x} + 2)}{(x-2)(\sqrt{2x} + 2)}$$

의 값을 정하라. = $\frac{2x-4}{(x-2)(\sqrt{2x}+2)}$

$$(2) \lim_{x \rightarrow 2} \frac{\sqrt{2x+a}}{x-2} = b$$

$$= \frac{2(x-2)}{(x-2)} \cdot \frac{1}{\sqrt{2x+2}} = 2 \cdot \frac{1}{\sqrt{4+2}}$$

\uparrow
2대입

$$= 2 \cdot \frac{1}{4} = \frac{1}{2}$$