

(19) $y = \sqrt{3x-6} + 4$

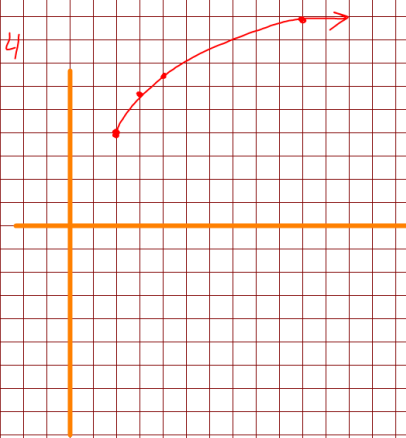
$$3x-6 \geq 0$$

$$3x \geq 6$$

Durch $x \geq 2$

Range $y \geq 4$

x	y
2	4
3	~5.7
4	~6.4
10	~8.9



(22)

$$r = \sqrt{\frac{3960^2 W_E}{W_S}} - 3960,$$

$$r = \sqrt{\frac{3960^2 (140)}{120}} - 3960$$

$$r \approx 317.3$$

$$y = 17\sqrt{x-2} - 19$$

$$x-2 \geq 0$$

$$y = \sqrt{2x-4}$$

$$y = \sqrt{3x-6}$$

Durch $x \geq 2$

$$\sqrt{4x-8}$$

doublets

$$\frac{1}{6} \times \frac{1}{6} \times \frac{1}{6}$$

$$\frac{1}{216}$$

$$\frac{3}{6} \quad \frac{6}{26}$$

$$\frac{1}{2} \times \frac{3}{13} = \frac{3}{26}$$

$$\sqrt{x} \cdot x^2$$

$$x \sqrt{\quad}$$

OR

$$x \sqrt{y^x}$$

 $\sqrt{\quad}$

$$\begin{aligned} \sqrt[3]{27} &= 3 \\ \sqrt[4]{16} &= 2 \end{aligned}$$

$$3 \mid \square 27$$