$$\frac{432}{x^{2}-1} \frac{x}{3x+6} > \frac{1}{x^{2}+3x+2}$$

$$\frac{x}{x^{2}-1} \frac{3x+6}{3x+6} - \frac{1}{x^{2}+3x+2}$$

$$\frac{x}{x^{2}-1} \frac{3x+6}{3(x+2)} - \frac{1}{(x+2)(x+4)}$$

$$\frac{3x(x+2)-7(x+4)(x+4)-3(x+4)}{3(x+4)(x+2)} > 0$$

$$\frac{3x^{2}+6x-7x^{2}+7-3x+3}{3(x-4)(x+4)(x+2)} > 0$$

$$\frac{4x^{2}-3x-40}{(x-4)(x+4)(x+2)} > 0$$

$$\frac{x}{4} > 0 >$$

$$\frac{1}{x^{2}-2x+1} - \frac{1}{x^{2}-1} > \frac{1}{x+1} - \frac{1}{x-1}$$

$$\frac{1}{(x-4)^{2}} - \frac{1}{(x-4)(x+4)} - \frac{1}{x+4} + \frac{1}{x-4} > 0$$

$$\frac{x+4-(x-4)-(x-4)^{2}+(x-4)(x+4)}{(x-4)^{2}(x+4)} > 0$$

$$\frac{x+4-x+4-x^{2}-4+2x+x^{4}-x^{4}}{(x-4)^{2}(x+4)}$$

$$\frac{2x}{(x-4)^{2}(x+4)}$$

$$\frac{2x}{(x-4)^{2}(x+4)}$$

$$\frac{1}{x^{2}-2x+1} - \frac{1}{x+1} + \frac{1}{x+4}$$

$$\frac{1}{x^{2}-1} + \frac{1}{x^{2}-1} + \frac{1}{x^{2}-1}$$

$$\frac{1}{x^{2}-1$$

$$\frac{dse}{x^{2}-1} \ge 0$$

$$\frac{x}{2x^{2}-3x-2} \le 0$$

$$\frac{x}{2x^{2}-3x-2} \le 0$$

$$\frac{x}{2x^{2}-4} > 0$$

$$\frac{x}{2x^{2}-$$

$$\frac{473}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x - 1} > \frac{2x}{x^2 + 3x - 4} \left[x < -4 \lor x > \frac{\sqrt{26} - \sqrt{2}}{2} \right] \right\}$$

$$\frac{4}{8} \left\{ \frac{x}{x - 1} > \frac{2x}{x^2 + 3x - 4} \left[x < -4 \lor x > \frac{\sqrt{26} - \sqrt{2}}{2} \right] \right\}$$

$$\frac{4}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x^2 + 3x - 4} \left[x < -4 \lor x > \frac{\sqrt{26} - \sqrt{2}}{2} \right] \right\}$$

$$\frac{4}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x^2 + 4 \cdot 6} > 0 \right\}$$

$$\frac{4}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x^2 + 4 \cdot 6} > 0 \right\}$$

$$\frac{4}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x^2 + 4 \cdot 6} > 0 \right\}$$

$$\frac{4}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x^2 + 4 \cdot 6} > 0 \right\}$$

$$\frac{4}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x^2 + 4 \cdot 6} > 0 \right\}$$

$$\frac{4}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x + 4 \cdot 6} > 0 \right\}$$

$$\frac{2}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x + 4 \cdot 6} > 0 \right\}$$

$$\frac{2}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x + 4 \cdot 6} > 0 \right\}$$

$$\frac{2}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x + 4 \cdot 6} > 0 \right\}$$

$$\frac{2}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x + 4 \cdot 6} > 0 \right\}$$

$$\frac{2}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x + 4 \cdot 6} > 0 \right\}$$

$$\frac{2}{8} \left\{ \frac{x^2 + \sqrt{2}x > 6}{x + 4 \cdot 6} > 0 \right\}$$

$$\frac{x^2 + 2x + \sqrt{2}}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

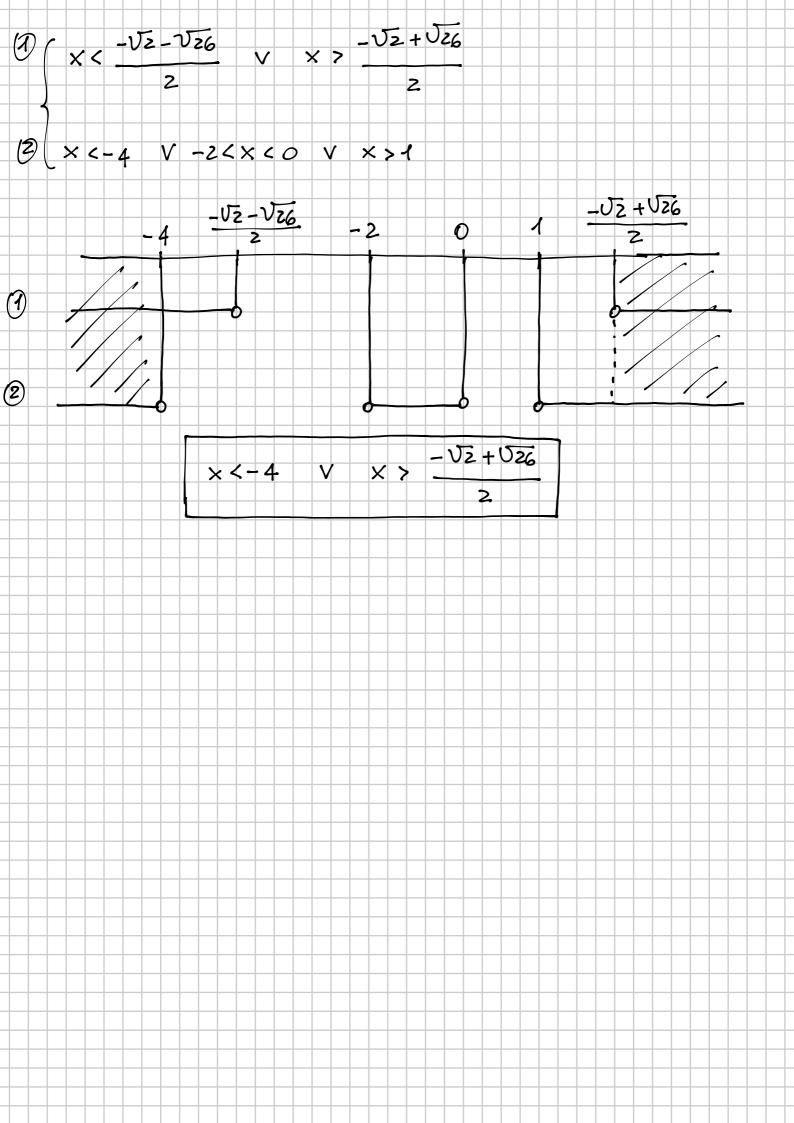
$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 4x - 2x}{(x - 4)(x + 4)} > 0$$

$$\frac{x^2 + 2x + \sqrt{2}x + \sqrt$$



In un rettangolo la misura x della base (in centimetri) supera di 2 la misura (sempre in cm) dell'altezza. Determina x in modo che il perimetro del rettangolo sia maggiore di 10 cm e l'area minore di 24 cm². $\left[\frac{7}{2} < x < 6\right]$

