

2AD7

$$y = 2(x-1)^2 + 2 \quad \text{uspdt. wierzchołka}$$

$$x_u = \frac{1}{2} \quad 1$$

$$y_u = 2$$

zakresy i zbiór wartości

$$y \in (2; +\infty)$$

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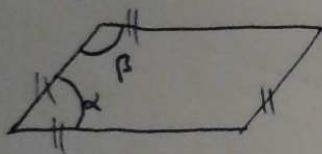
$$y = (x+1)^2 - 2 \quad \text{uspdt. wierzchołka} \quad x_u = -1$$

$$y_u = -2$$

zakresy i zbiór wartości

$$y \in (-2; +\infty)$$

2AD8



$$\beta - \alpha = 30^\circ \rightarrow \beta = 30^\circ + \alpha$$

suma kątów wewnętrznych w n-bokolecie wynosi

jest równa  $360^\circ$

$$2\alpha + 2\beta = 360^\circ \quad :/2$$

$$\alpha + \beta = 180^\circ$$

$$\alpha + 30^\circ + \alpha = 180^\circ$$

$$2\alpha = 180^\circ - 30^\circ$$

$$2\alpha = 150^\circ \quad :/2$$

$$\alpha = 75^\circ$$

$$\beta = 30^\circ + 75^\circ = 105^\circ$$

$$\alpha = 75^\circ; \beta = 105^\circ$$