Dilations: Question 9

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$$D_{O,K} = (2,4) \rightarrow (8,16) \tag{1}$$
$$K = \frac{8}{2} = 4 \tag{2}$$
$$K > 1 \tag{3}$$
$$\tag{4}$$

Since the scale factor of 4 happens to be greater than 1, this dilation is an expansion.