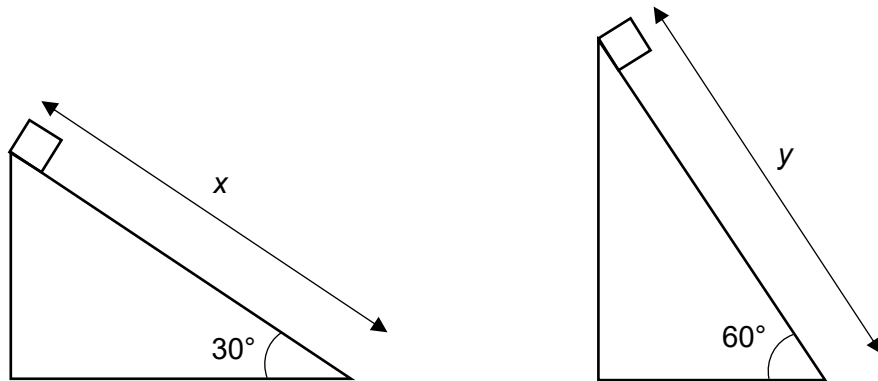**3** Two identical blocks are released from rest from the top of two ramps as shown below.

Ignoring friction, what must be the ratio of y/x so that both blocks arrive at the end of the ramps at the same time?

A $\dfrac{1}{\sqrt{3}}$ **B** $\sqrt{2}$ **C** $\sqrt{3}$ **D** 3