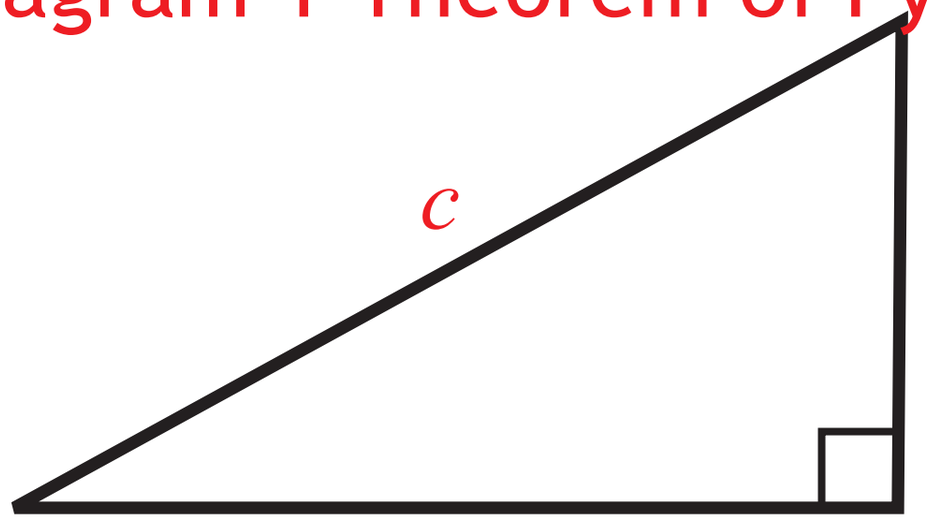
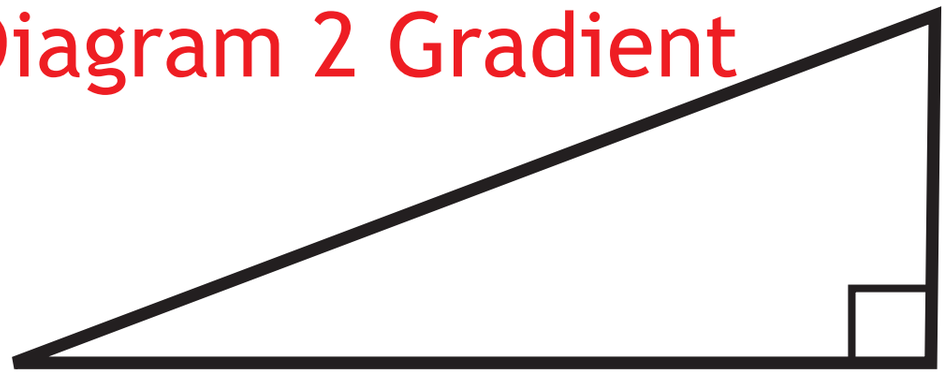
Diagram 1 Theorem of Pythagorus



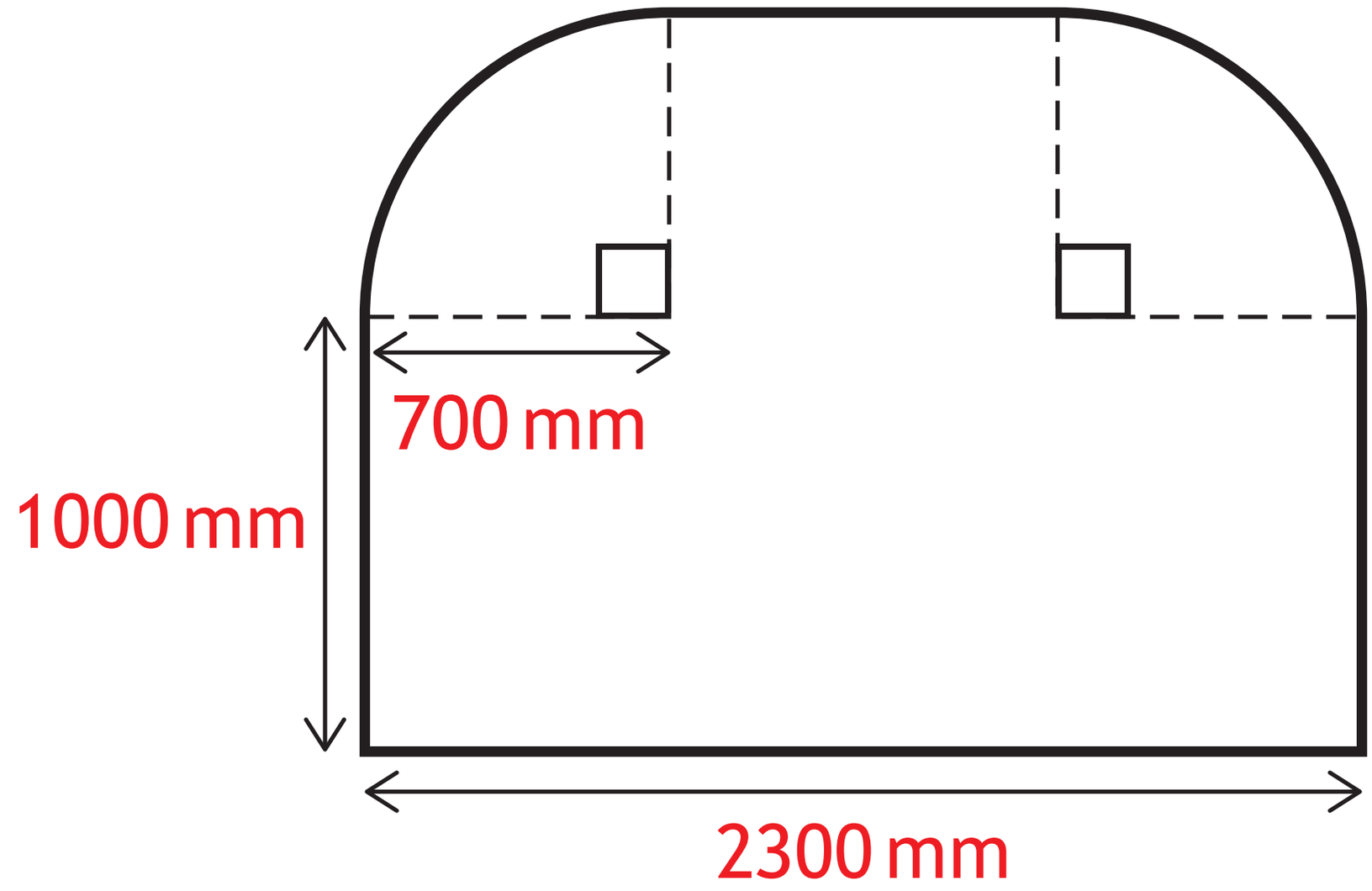
$$a^2 + b^2 = c^2$$

Diagram 2 Gradient

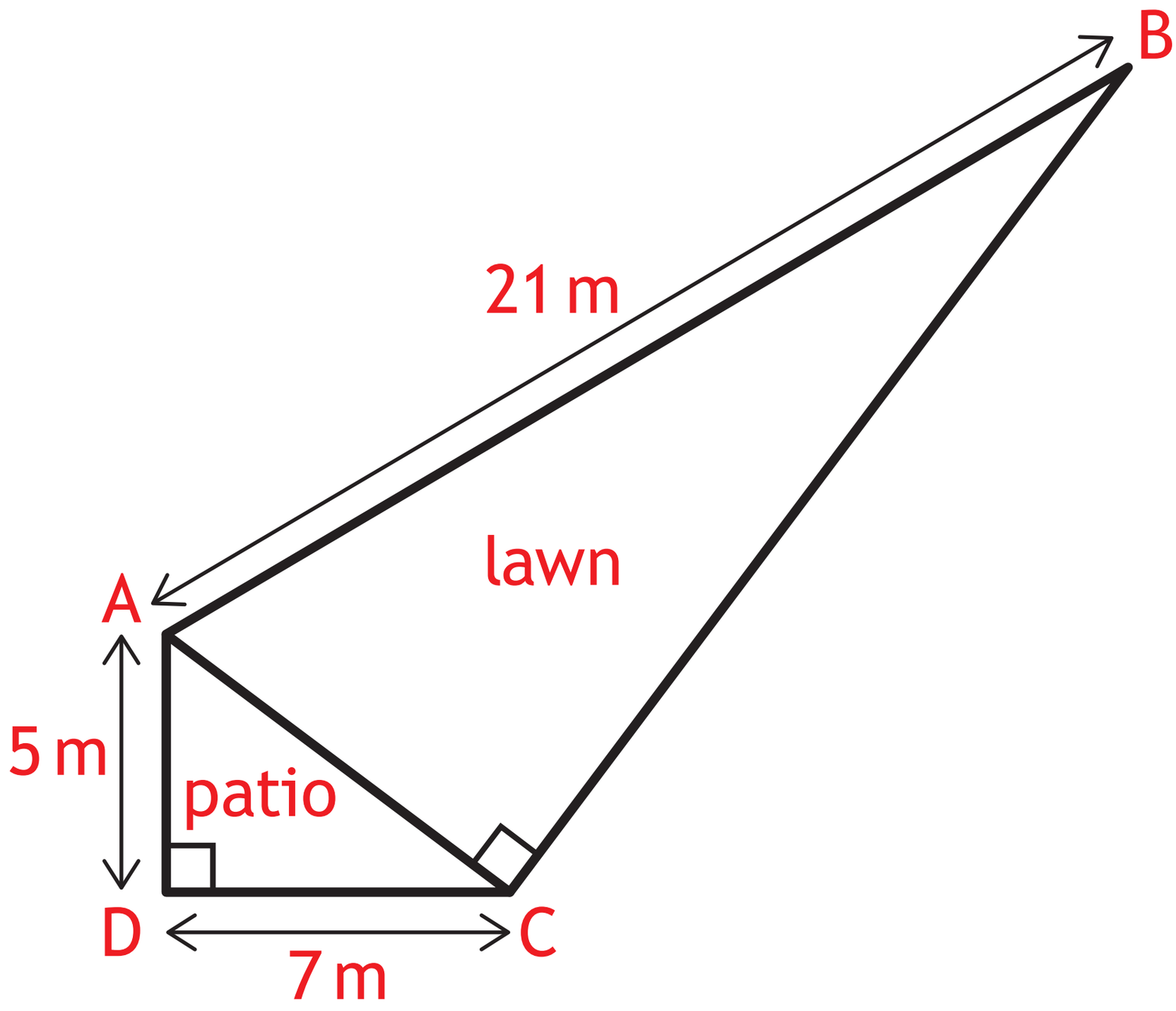


$$\text{gradient} = \frac{\text{vertical height}}{\text{horizontal distance}}$$

Q2



Q3



Q4

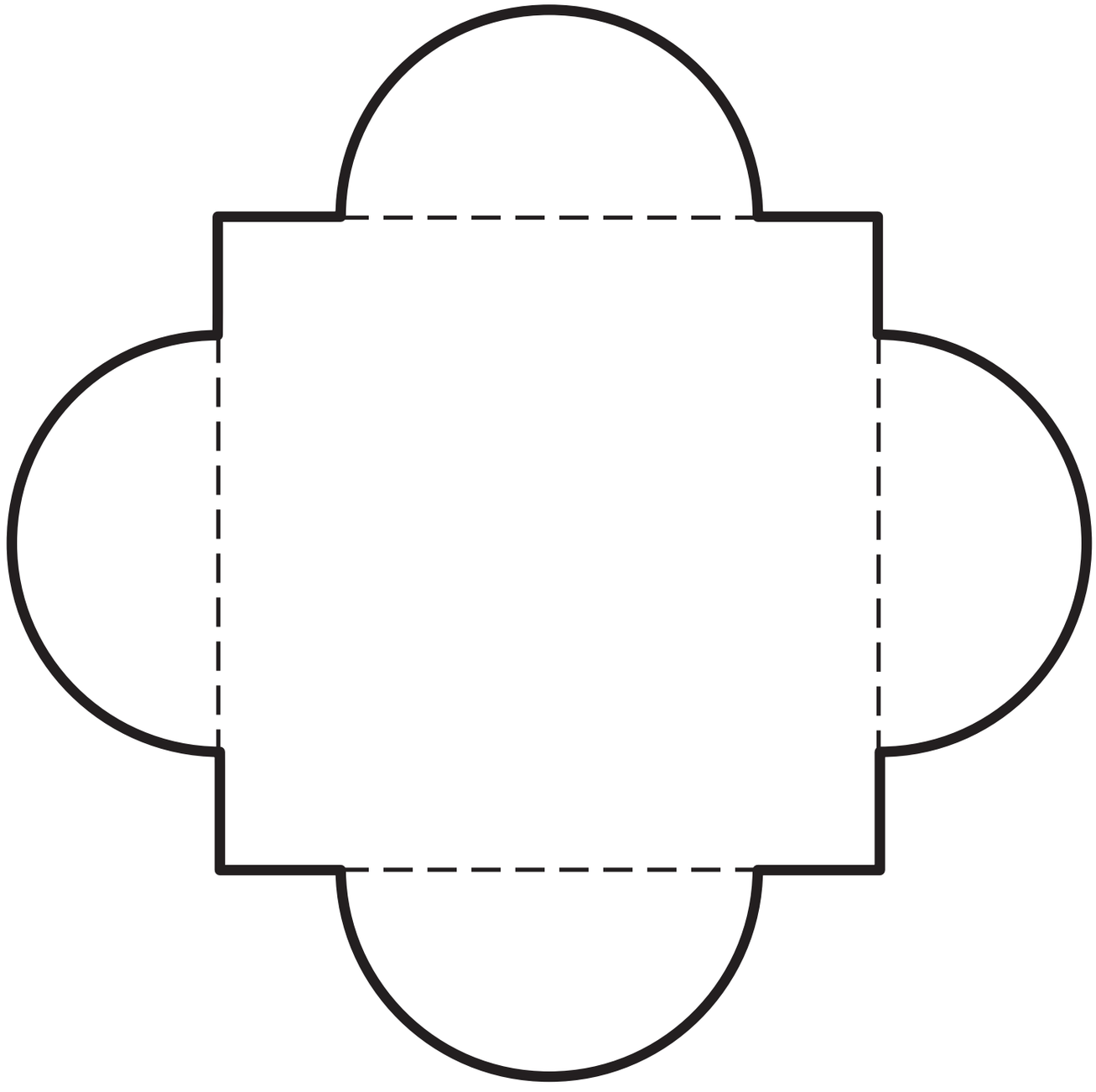


Diagram 1
Top view

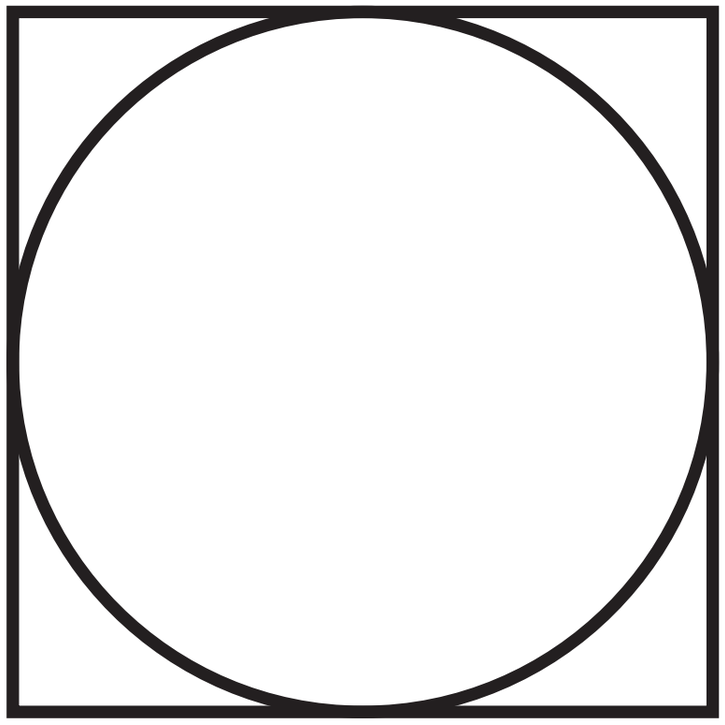
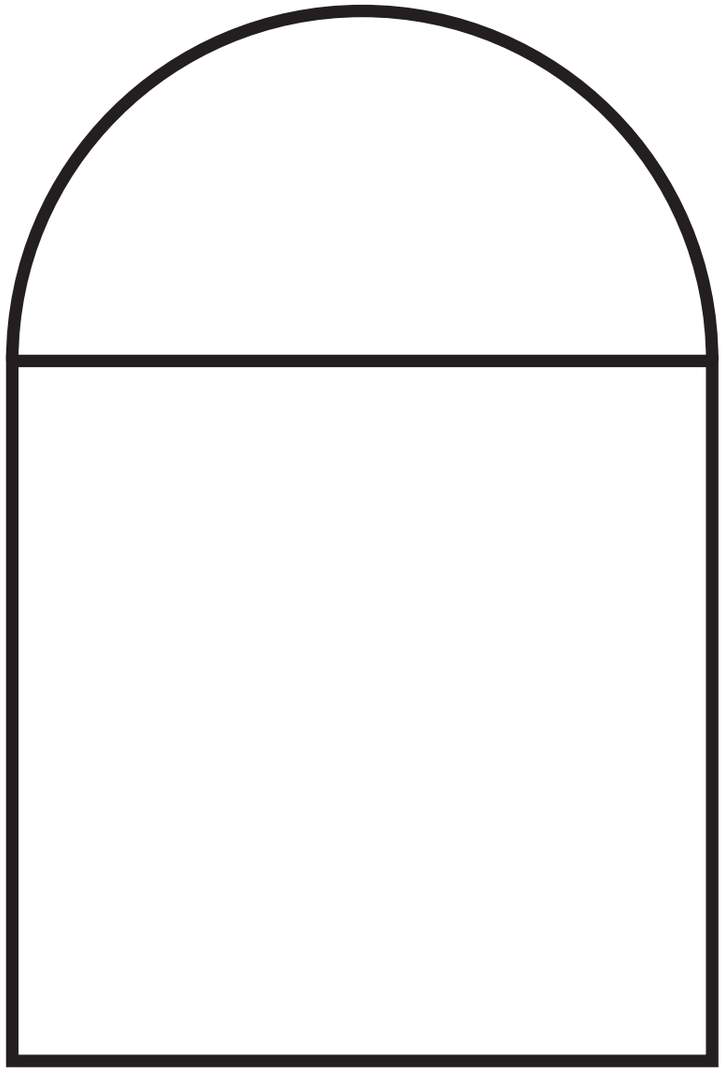



Diagram 2
Side view