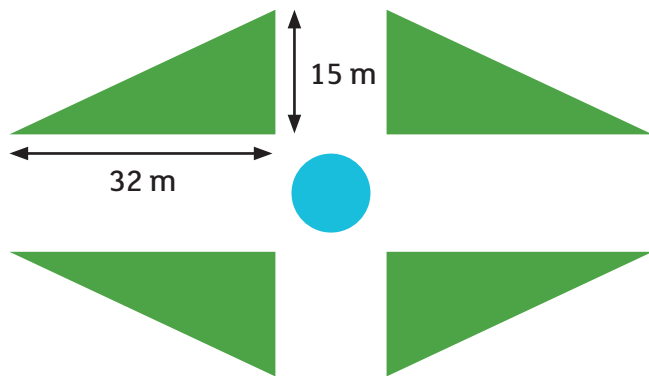


# Courtyard

## Problem

Glenoaks House has a beautiful water feature in the centre of a paved courtyard. The water feature is surrounded by four congruent triangular grass areas for visitors to picnic on and appreciate the view and wildlife, as shown below.



Gareth the gardener feeds the grass both in the spring and summer. The grass feed costs £19.99 per bag and covers  $400 \text{ m}^2$ . He wishes to buy enough for both feeds as the shop currently has an offer of four bags for the price of three.



How much will it cost for the grass feed Gareth needs?

