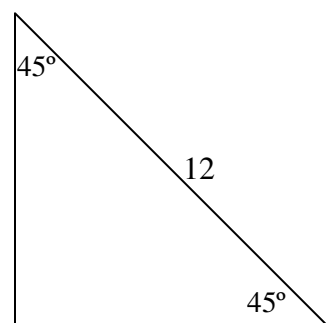
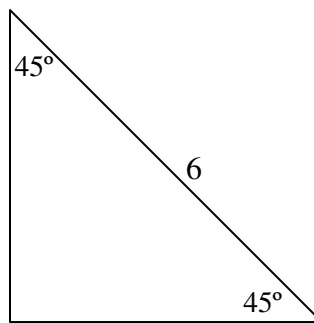
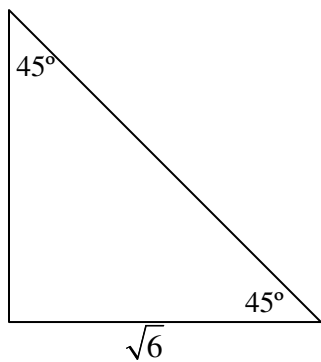
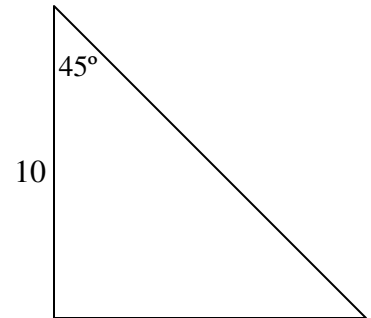
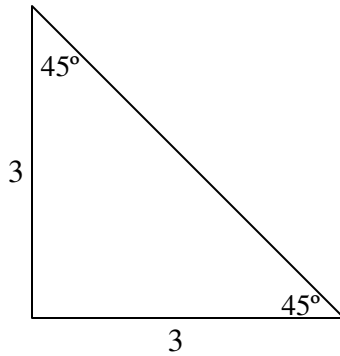
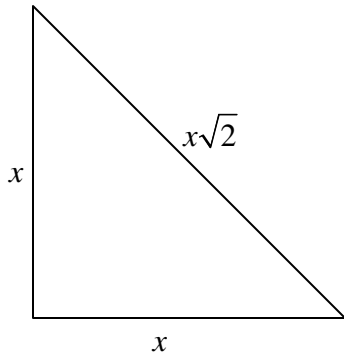


# Geometry

## 45 - 45 - 90 Triangles

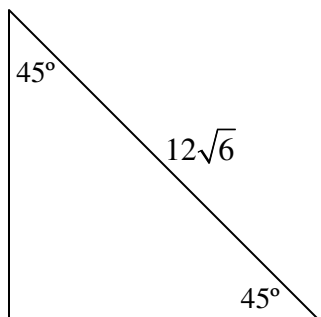
### YAY MATH!

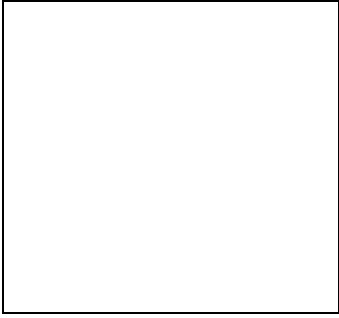
The following triangles appear in the video, please fill them in with the class:



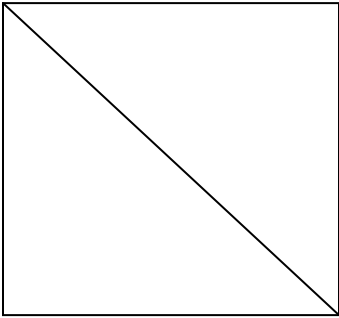
Some room for algebra

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A side is 5. What is the length of the diagonal?



The diagonal is  $2\sqrt{5}$ . What is the area of the square?