

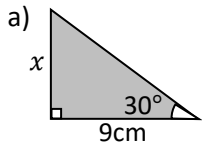


Name: _____

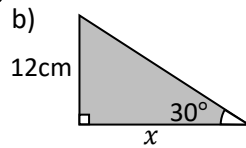


Practice questions: Calculate the value of x in these triangles :

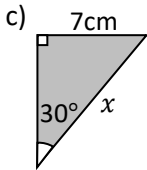
Diagrams not drawn to scale



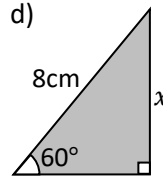
$3\sqrt{3}\text{cm}$



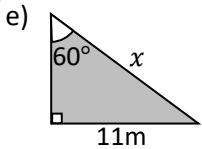
$12\sqrt{3}\text{cm}$



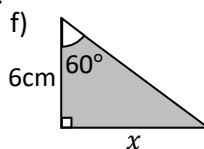
14cm



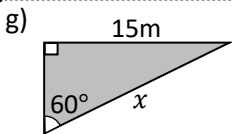
$4\sqrt{3}\text{cm}$



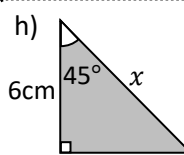
$\frac{22\sqrt{3}}{3}\text{m}$



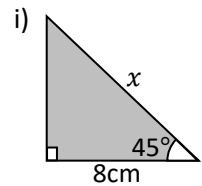
$6\sqrt{3}\text{cm}$



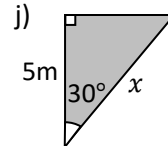
$10\sqrt{3}\text{m}$



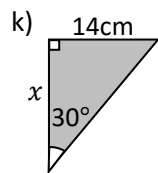
$6\sqrt{2}\text{cm}$



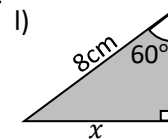
$8\sqrt{2}\text{cm}$



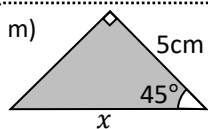
$\frac{10\sqrt{3}}{3}\text{m}$



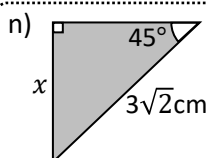
$14\sqrt{3}\text{cm}$



$4\sqrt{3}\text{cm}$



$5\sqrt{2}\text{cm}$



3cm

Exam question:

Find the area of the triangle.
Leave your answer in exact form.

$\frac{32\sqrt{3}}{3}\text{m}^2$

