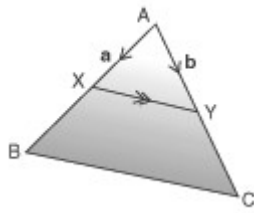
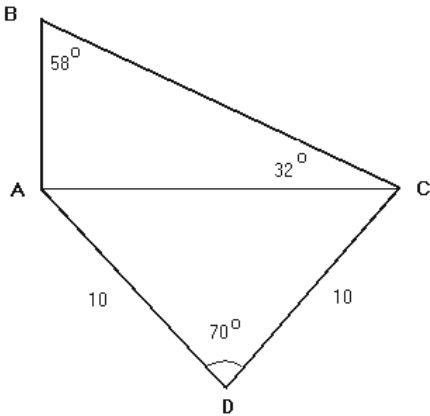


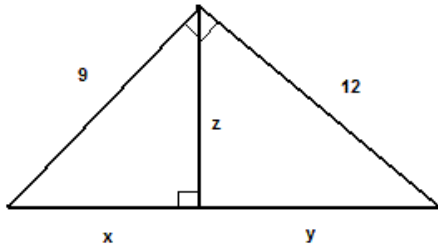
Maths Questions



Q: In the triangle ABC the points x and y are the mid points of AB and AC. Show the line XY is parallel to BC and half its length.

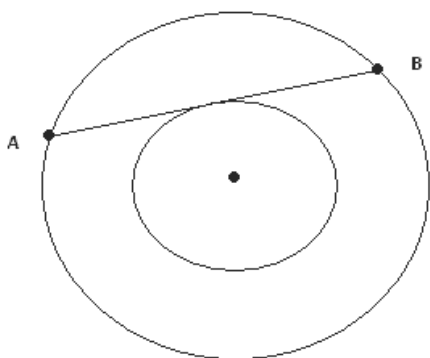


Q: Find the length of side AB in the figure to the left



Q: Find the lengths x, y and z

Q: Find a, b and c so that the graph of the quadratic function $f(x) = ax^2 + bx + c$ has a vertex at $(-2, 1)$ and passes through the point $(0, -3)$



Q: The two circles below are concentric (have same center). The radius of the large circle is 10 and that of the small circle is 6. What is the length of the chord AB?