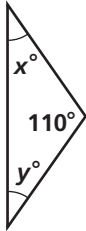


Practice 4-5

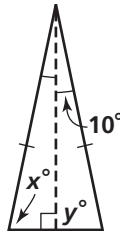
Isosceles and Equilateral Triangles

Find the values of the variables.

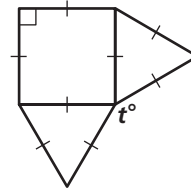
1. $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}$



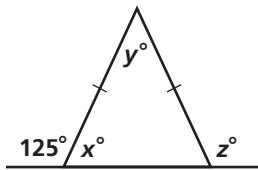
2. $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}$



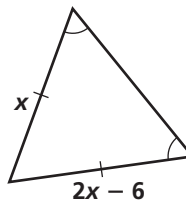
3. $t = \underline{\hspace{2cm}}$



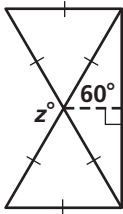
4. $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}, z = \underline{\hspace{2cm}}$



5. $x = \underline{\hspace{2cm}}$



6. $z = \underline{\hspace{2cm}}$

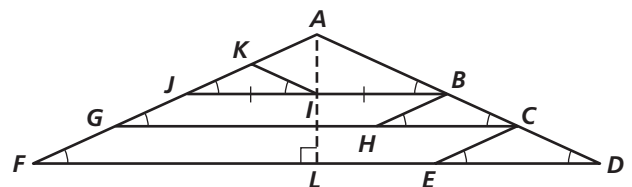


Complete each statement. Explain why it is true.

7. $\overline{AF} \cong \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$

8. $\overline{KI} \cong \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$

9. $\overline{JA} \cong \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$

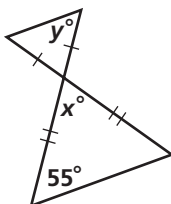


Given $m\angle D = 25$, find the measure of each angle.

10. $\angle JAB = \underline{\hspace{2cm}}$

11. $\angle JKI = \underline{\hspace{2cm}}$

12. Find the values of x and y . $x = \underline{\hspace{2cm}}, y = \underline{\hspace{2cm}}$



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