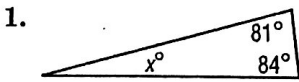


# Lesson 3 Skills Practice

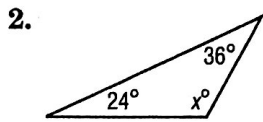
## Angles of Triangles

Find the value of  $x$  in each triangle with the given angle measures.



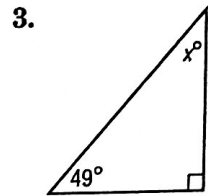
$$x = 180 - 81 - 84$$

$$x = 15^\circ$$



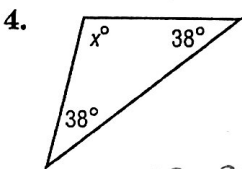
$$x = 180 - 24 - 36$$

$$x = 120^\circ$$



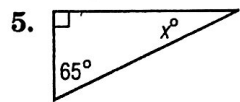
$$x = 180 - 90 - 49$$

$$x = 41^\circ$$



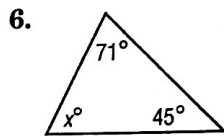
$$x = 180 - 38 - 38$$

$$x = 104^\circ$$



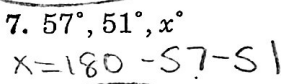
$$x = 180 - 90 - 65$$

$$x = 25^\circ$$



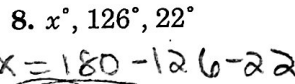
$$x = 180 - 45 - 71$$

$$x = 64^\circ$$



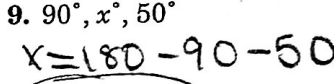
$$x = 180 - 57 - 51$$

$$x = 72^\circ$$



$$x = 180 - 126 - 22$$

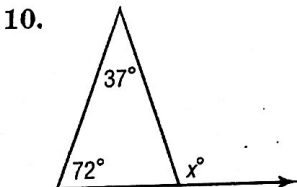
$$x = 32^\circ$$



$$x = 180 - 90 - 50$$

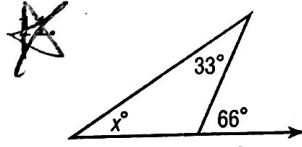
$$x = 40^\circ$$

Find the value of  $x$  in each triangle.



$$x = 72 + 37$$

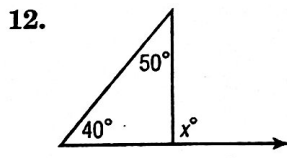
$$x = 109^\circ$$



$$66 = x + 33$$

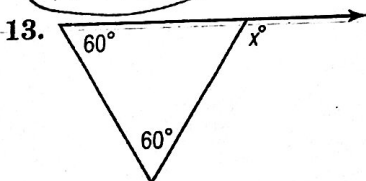
$$\begin{array}{r} 66 \\ - 33 \\ \hline 33 \end{array} = x$$

$$33^\circ = x$$



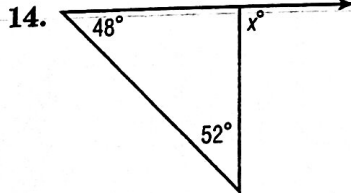
$$x = 40 + 50$$

$$x = 90^\circ$$



$$x = 60 + 60$$

$$x = 120^\circ$$



$$x = 48 + 52$$

$$x = 100^\circ$$



$$x = 121 + 40$$

$$x = 161^\circ$$

Copyright © The McGraw-Hill Companies, Inc. Permission is granted to reproduce for classroom use.