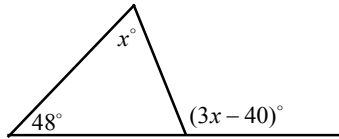**Exercises - Angles of a Triangle**
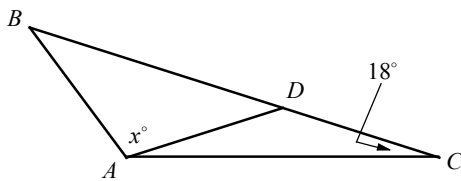
1

In the triangle above, what is the value of x?
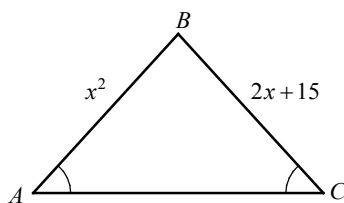
A) 44

B) 48

C) 52

D) 56

2

In $\triangle ABC$ above, if $AB = AD = DC$, what is the value of x?
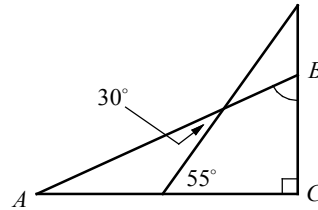
A) 92

B) 96

C) 102

D) 108

3

In $\triangle ABC$ above, $m\angle A = m\angle C$. If $x > 0$, what is the value of x?
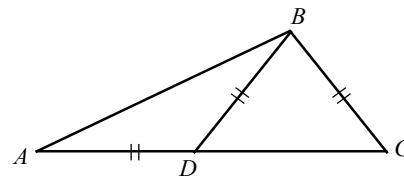
4

Note: Figure not drawn to scale.

In the figure above, $AC \perp BC$. What is the measure of $\angle ABC$?

A) 50

B) 55

C) 60

D) 65

5

In the figure above, $AD = BD = BC$. If $m\angle A = 26$, what is the measure of $m\angle DBC$?

A) 68

B) 72

C) 76

D) 82