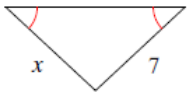
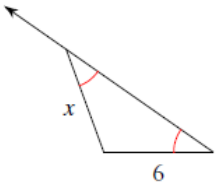
# Isosceles and Equilateral Triangles

**Find the value of *x*.**

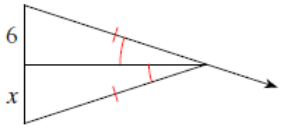
1)



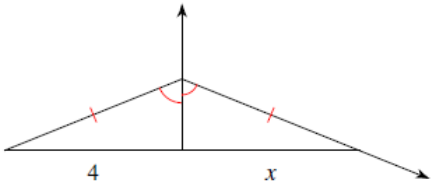

2)



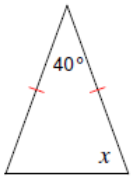

3)



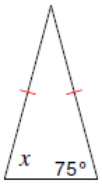

4)



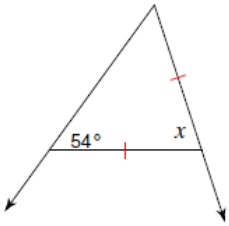

5)



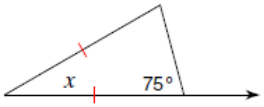

6)



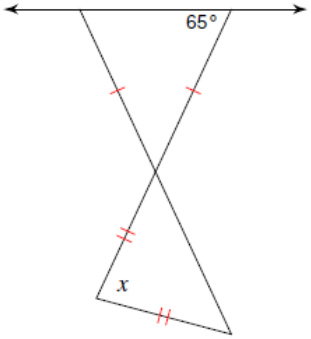

7)



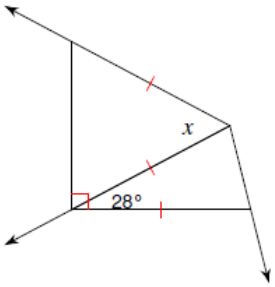

8)




9)




10)

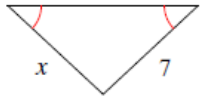


# Answers

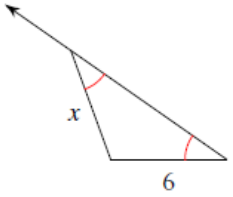
## Isosceles and Equilateral Triangles

**Find the value of $x$.**

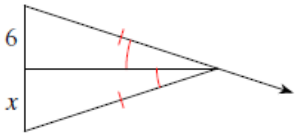
1) 7



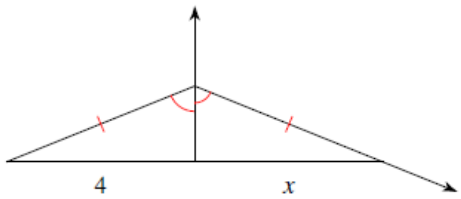

2) 6



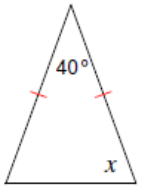

3) 6



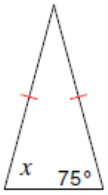

4) 4



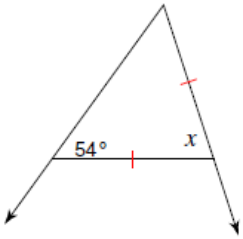

5) 70°



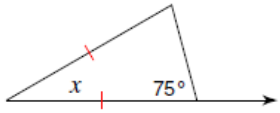

6) 75°



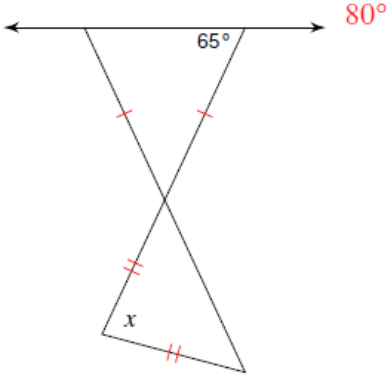

7) 72°



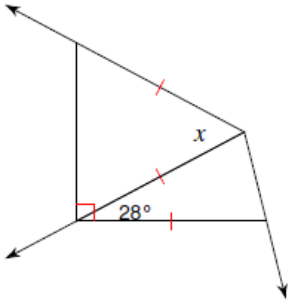

8) 30°



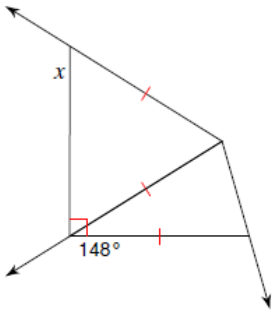

9) 80°



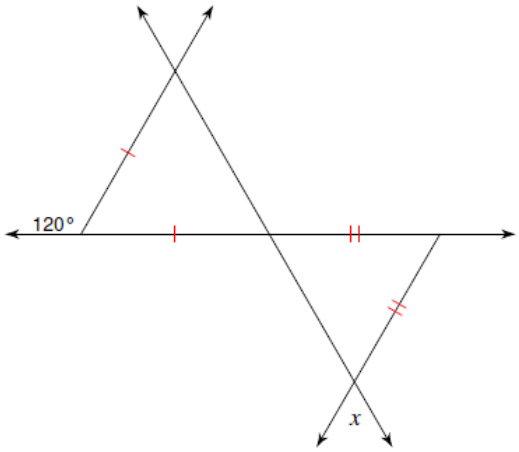

10) 56°



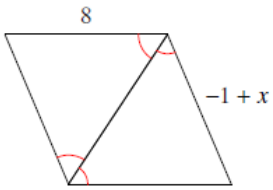
11)



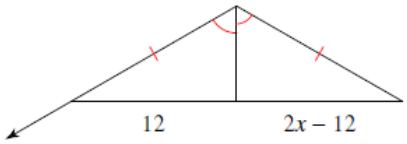

12)



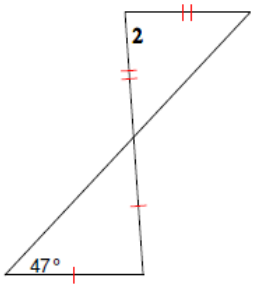

13)



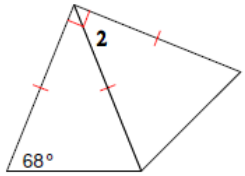

14)



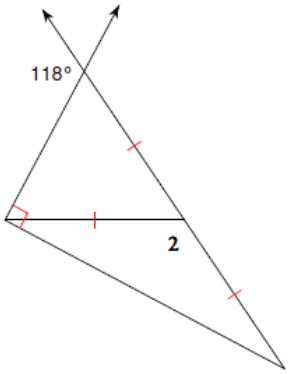

15) $m\angle 2 = x + 94$



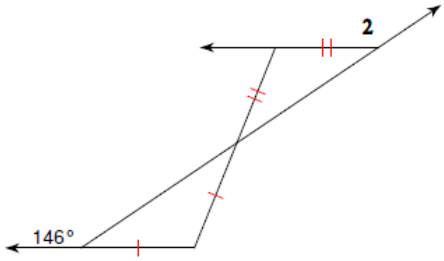

16) $m\angle 2 = 4x - 2$




17) $m\angle 2 = 12x + 4$

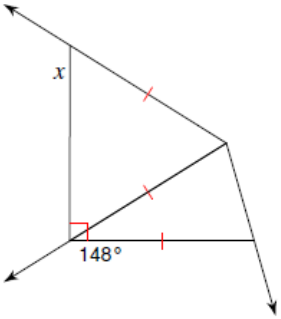



18) $m\angle 2 = 13x + 3$

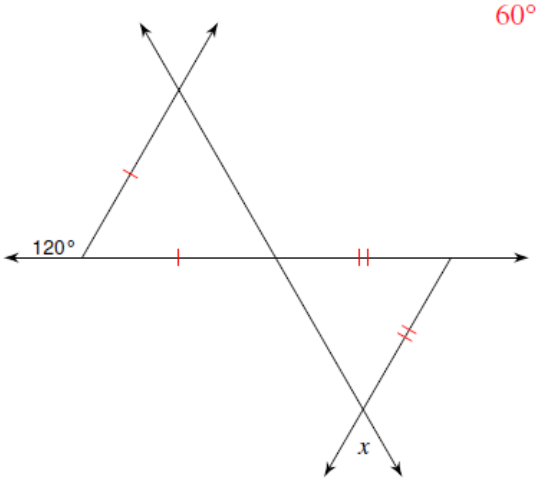


# Answers

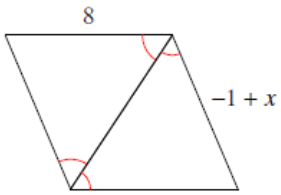
11) 122°



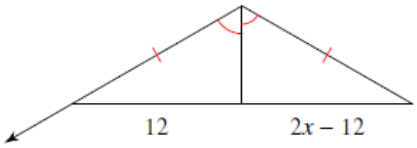

12) 60°



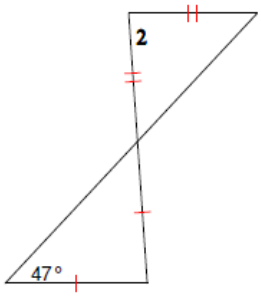

13) 9



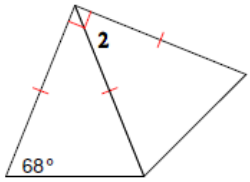

14) 12



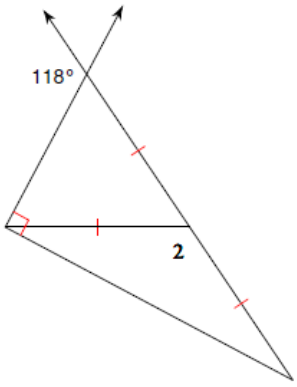

15) $m\angle 2 = x + 94$ −8

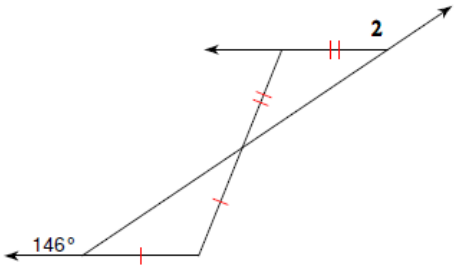



16) $m\angle 2 = 4x - 2$ 12




17) $m\angle 2 = 12x + 4$ 10




18) $m\angle 2 = 13x + 3$ 11