

Isosceles and Equilateral Triangles

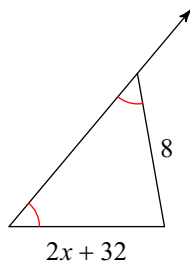
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Name _____

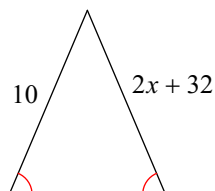
Date _____

Find the value of x .

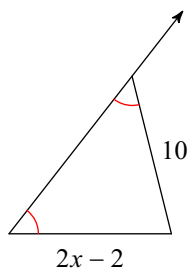
1)



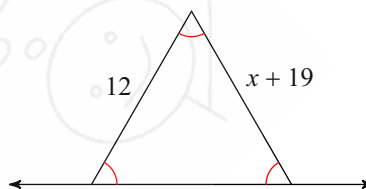
2)



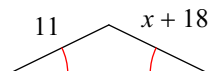
3)



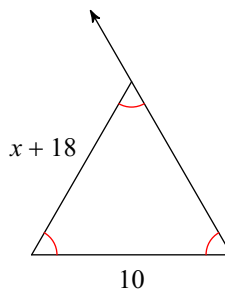
4)



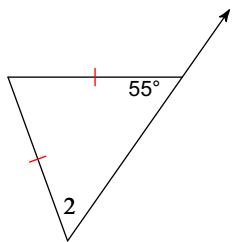
5)



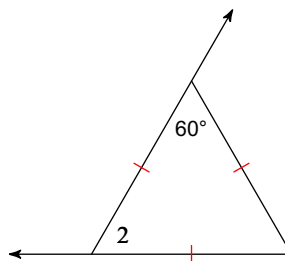
6)



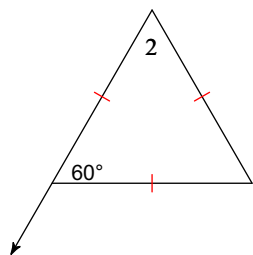
7) $m\angle 2 = x + 61$



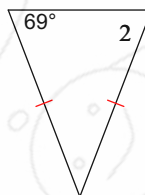
8) $m\angle 2 = x + 71$



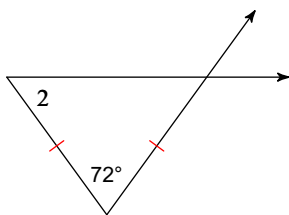
9) $m\angle 2 = 6x$



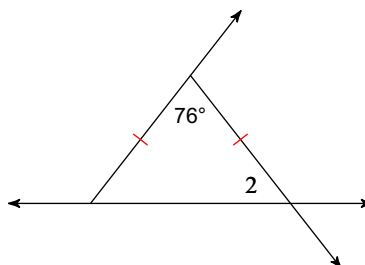
10) $m\angle 2 = x + 76$



11) $m\angle 2 = 7x + 5$



12) $m\angle 2 = 6x - 8$



Answers to Isosceles and Equilateral Triangles

1) -12

5) -7

9) 10

2) -11

6) -8

10) -7

3) 6

7) -6

11) 7

4) -7

8) -11

12) 10

