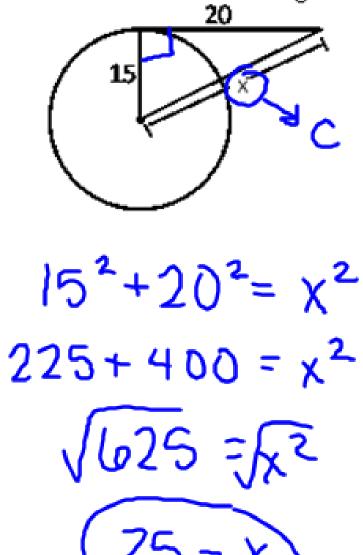
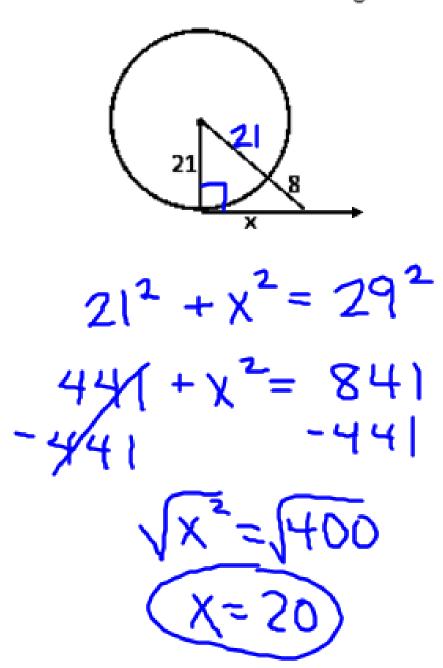
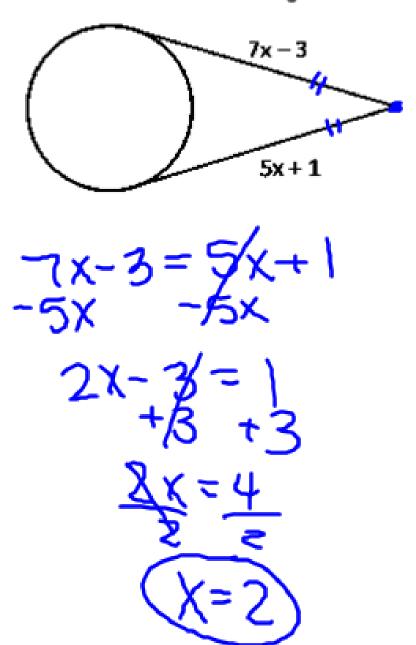
Find x. Assume that segments that appear to be tangent are tangent.



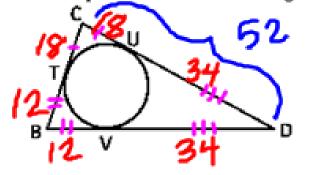
Find x. Assume that segments that appear to be tangent are tangent.



Find x. Assume that all segments that appear to be tangent are tangent.

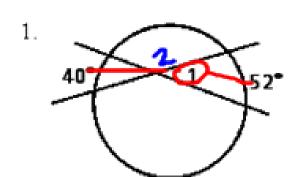


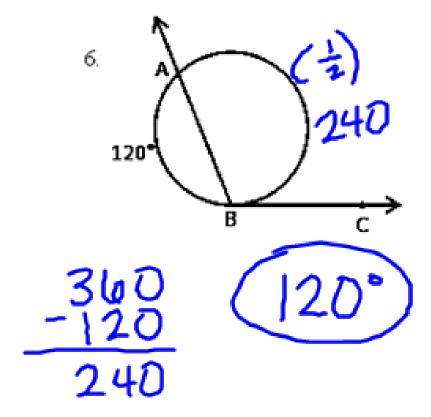
1. Find the perimeter of the triangle from the given information: CD = 52, CU = 18, TB = 12

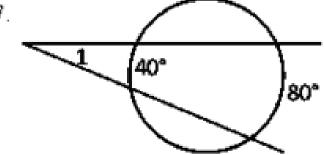


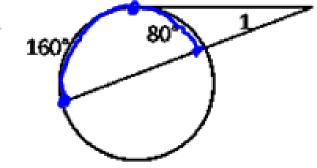


Find the measure of the marked angle.

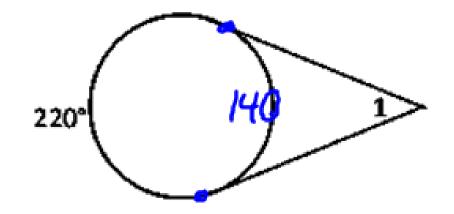






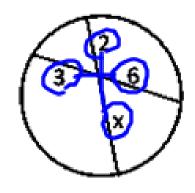


9.



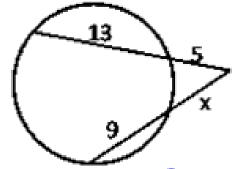
Find x to the nearest tenth.

10.



$$2x = 3.6$$
 $2x = 18$
 $x = 9$
 $x = 9$

11.



12.
$$(x+21) \cdot 21 = 35^{2}$$

$$21x + 44x1 = 1225$$

$$- 44x1 = 784$$

$$21x = 784$$

$$21$$

$$x = 37.3$$

Write an equation for each circle.

13. center at
$$(-2, 6)$$
, diameter = 8

$$(x+2)^2 + (y-6)^2 = 16$$

14. Endpoints of a diameter are (-4, -6) and (2, 6)

$$\left(-\frac{4+2}{2}, -\frac{6+6}{2}\right) = \left((-1, 0)\right)$$

$$\sqrt{(-1-2)^2+(0-6)^2} = \sqrt{9+36} = \sqrt{45}^2$$

$$(\chi+1)^2 + \chi^2 = 45$$

 $(\chi+1)^2 + (\chi-0)^2 = 45$

15. Graph the circle with equation $(x+2)^2 + (y-3)^2 = 16$

center: (-2,3)
radius: 4

