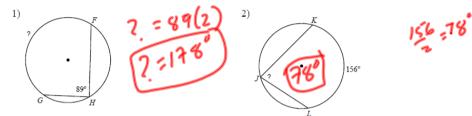
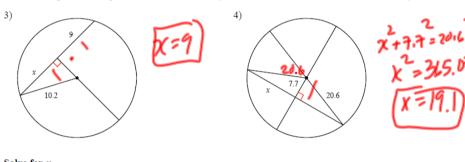
Corrective Assignment 11

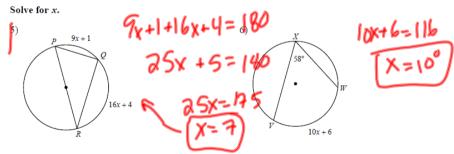
CA Unit 11

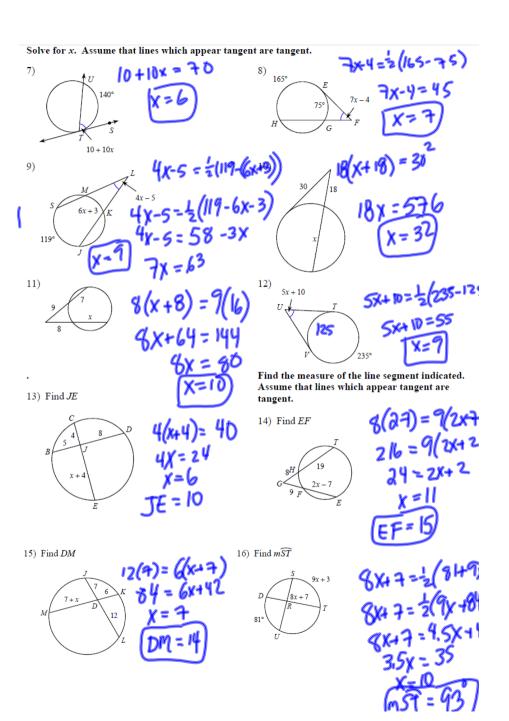
Find the measure of the arc or angle indicated.



Find the length of the segment indicated. Round your answer to the nearest tenth if necessary.

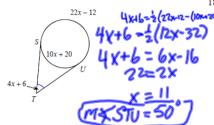






Corrective Assignment 11

17) Find m∠STU



Solve each inequality and graph its solution.

19)
$$8+4x>4(2-3x)$$

$$8+4x>4(2-3x)$$

$$8+4x>8-12x$$

$$16x>0$$

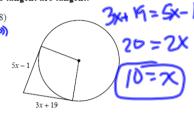
$$x>0$$

Factor each completely.

Solve each system by substitution.

23)
$$y = 4x - 4$$
 $4x + 2y = -20$
 $4x + 2(4x - 4) = -20$
 $12x - 4 = -20$
 $x = -1$
 $y = -6$

Solve for x. Assume that lines which appear to be tangent are tangent.



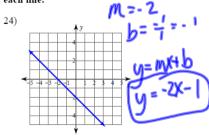
Solve each equation.

20)
$$2p + 2 = 2(1 + 4p) - 4p$$

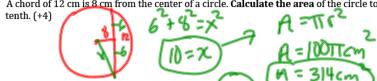
 $2p + 2 = 2 + 6p - 4p$
 $0 = 2p$
 $0 = P$

22)
$$n^2 - 1$$
 $b = 0$ $c = 1$ $(n - 1)(n + 1)$

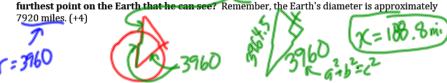
Write the slope-intercept form of the equation of each line.



1. A chord of 12 cm is 8 cm from the center of a circle. Calculate the area of the circle to the nearest



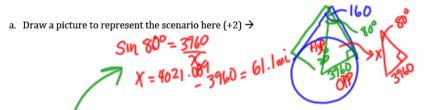
2. Sully is riding in an airplane at an altitude of about 4.5 mi above the Earth. How far is Sully from the furthest point on the Earth that he can see? Remember, the Earth's diameter is approximately



The diameter of a circle is 24 cm and a chord that is parallel to that diameter is 10cm. To the nearest tenth, what is the distance to the chord from the center of the circle? (+4)



4. Brust is hovering up in a UFO. He estimates the viewing angle of the Earth formed by two tangents to be 160°.



b. Find the measure of the arc of Earth's surface viewable from the UFO. (+3)

