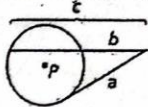
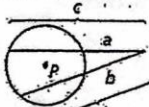
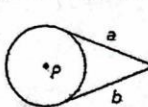
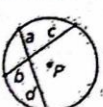
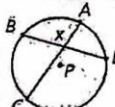
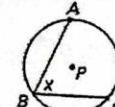
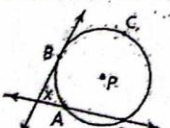
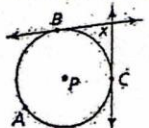
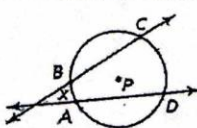


Geometry Final Reference Sheet

Quadratic Formula	$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
Pythagorean Theorem	$a^2 + b^2 = c^2$
Distance Formula	$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$
Point-Slope Form	$y - y_1 = m(x - x_1)$
Triangle	$A = \frac{1}{2}bh$
Parallelogram	$A = bh$
Circle	$A = \pi r^2$
Circle	$C = \pi d$ or $C = 2\pi r$
General Prisms	$V = Bh$
Cylinder	$V = \pi r^2 h$
Sphere	$V = \frac{4}{3}\pi r^3$
Cone	$V = \frac{1}{3}\pi r^2 h$
Pyramid	$V = \frac{1}{3}Bh$

 $\frac{c}{a} = \frac{a}{b} \text{ or } a^2 = bc$	 $\frac{a}{c} = \frac{b}{d} \text{ or } ac = bd$	 $a = b$
 $\frac{a}{b} = \frac{c}{d} \text{ or } ad = bc$	 $m\angle x = \frac{1}{2}(m\widehat{AB} + m\widehat{CD})$	 $m\angle x = \frac{1}{2}m\widehat{AC}$
 $m\angle x = \frac{1}{2}(m\widehat{BCD} - m\widehat{AB})$	 $m\angle x = \frac{1}{2}(m\widehat{BAC} - m\widehat{BC})$	 $m\angle x = \frac{1}{2}(m\widehat{CD} - m\widehat{AB})$