Start Strong Fall Administration
Algebra II Assessment Reference Sheet

1 inch = 2.54 centimeters   1 kilometer = 0.62 mile   1 cup = 8 fluid ounces
1 meter = 39.37 inches   1 pound = 16 ounces   1 pint = 2 cups
1 mile = 5280 feet   1 pound = 0.454 kilograms 1 quart = 2 pints
1 mile = 1760 yards   1 kilogram = 2.2 pounds   1 gallon = 4 quarts
1 mile = 1.609 kilometers   1 ton = 2000 pounds   1 gallon = 3.785 liters
                                                      1 liter = 0.264 gallons
                                                      1 liter = 1000 cubic centimeters

Triangle	$A = \dfrac{1}{2}bh$	
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	$V = \dfrac{4}{3}\pi r^3$	
Cone	$V = \dfrac{1}{3}\pi r^2 h$	
Pyramid	$V = \dfrac{1}{3}Bh$	

Quadratic Formula $\quad x = \dfrac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

Arithmetic Sequence $\quad a_n = a_1 + (n-1)d$

Geometric Sequence $\quad a_n = a_1 r^{n-1}$

Geometric Series $\quad S_n = \dfrac{a_1 - a_1 r^n}{1 - r}$ where $r \neq 1$

Radians $\quad$ 1 radian $= \dfrac{180}{\pi}$ degrees

Degrees $\quad$ 1 degree $= \dfrac{\pi}{180}$ radians