

Pre – Calculus Summer Assignment

Have The Following Facts Memorized By The First Day Of School

PERFECT SQUARES & SQUARE ROOTS

$1^2 = 1$	$\sqrt{1} = 1$
$2^2 = 4$	$\sqrt{4} = 2$
$3^2 = 9$	$\sqrt{9} = 3$
$4^2 = 16$	$\sqrt{16} = 4$
$5^2 = 25$	$\sqrt{25} = 5$
$6^2 = 36$	$\sqrt{36} = 6$
$7^2 = 49$	$\sqrt{49} = 7$
$8^2 = 64$	$\sqrt{64} = 8$
$9^2 = 81$	$\sqrt{81} = 9$
$10^2 = 100$	$\sqrt{100} = 10$
$11^2 = 121$	$\sqrt{121} = 11$
$12^2 = 144$	$\sqrt{144} = 12$
$13^2 = 169$	$\sqrt{169} = 13$
$14^2 = 196$	$\sqrt{196} = 14$
$15^2 = 225$	$\sqrt{225} = 15$
$16^2 = 256$	$\sqrt{256} = 16$
$17^2 = 289$	$\sqrt{289} = 17$
$18^2 = 324$	$\sqrt{324} = 18$
$19^2 = 361$	$\sqrt{361} = 19$
$20^2 = 400$	$\sqrt{400} = 20$
$21^2 = 441$	$\sqrt{441} = 21$
$22^2 = 484$	$\sqrt{484} = 22$
$23^2 = 529$	$\sqrt{529} = 23$
$24^2 = 576$	$\sqrt{576} = 24$
$25^2 = 625$	$\sqrt{625} = 25$

PERFECT CUBES & CUBE ROOTS

$1^3 = 1$	$\sqrt[3]{1} = 1$
$2^3 = 8$	$\sqrt[3]{8} = 2$
$3^3 = 27$	$\sqrt[3]{27} = 3$
$4^3 = 64$	$\sqrt[3]{64} = 4$
$5^3 = 125$	$\sqrt[3]{125} = 5$
$6^3 = 216$	$\sqrt[3]{216} = 6$
$7^3 = 343$	$\sqrt[3]{343} = 7$
$8^3 = 512$	$\sqrt[3]{512} = 8$
$9^3 = 729$	$\sqrt[3]{729} = 9$
$10^3 = 1000$	$\sqrt[3]{1000} = 10$

PERFECT 4^{ths} & 4th ROOTS

$1^4 = 1$	$\sqrt[4]{1} = 1$
$2^4 = 16$	$\sqrt[4]{16} = 2$
$3^4 = 81$	$\sqrt[4]{81} = 3$
$4^4 = 256$	$\sqrt[4]{256} = 4$
$5^4 = 625$	$\sqrt[4]{625} = 5$

PERFECT 5^{ths} & 5th ROOTS

$1^5 = 1$	$\sqrt[5]{1} = 1$
$2^5 = 32$	$\sqrt[5]{32} = 2$
$3^5 = 243$	$\sqrt[5]{243} = 3$
$4^5 = 1024$	$\sqrt[5]{1024} = 4$
$5^5 = 3125$	$\sqrt[5]{3125} = 5$