EOC REVIEW - A variety of Calculator Functions


Independent Practice CALCULATOR FUNCTIONS assignment. Complete your assignment on a separate sheet. Show all work.

Simplify in the calculator!

1. $(7+3 i)^{2}$
$40+42 i$
2. $(2 i-3)(4 i+3)$
$-17-6 i$
3. $\begin{aligned} & \sqrt{-68} \\ & 2 i \sqrt{17}\end{aligned}$
4. $\log _{4} 64$
3
5. $\sqrt[4]{81} \quad 3$
6. 7 !
7. ${ }_{12} \mathrm{C}_{4}$
5040
495
8. ${ }_{17} \mathrm{P}_{5}$
9. $\cos 60^{\circ}$
10. $\csc \frac{\pi}{2}$

742560 $\frac{1}{2}$ 1

Graph each of the following in the calculator
11. $y=-x^{2}-2 x+5$

12. $y=-|x|-2$



Write a matrix to represent the system of equations and then solve the system in the calculator.

16. Use the calculator to find the mean, median, mode, range, interquartile range, standard
deviation and variance for $\begin{array}{lllllllllllll}75 & 73 & 77 & 79 & 79 & 74 & 81 & 74 & 70 & 68 & 70 & 72\end{array}$

$$
\begin{aligned}
& \bar{x}=74.3(\text { mean }) \\
& \text { med }=74 \\
& \text { mode }=70,74,79 \\
& \text { range }=13
\end{aligned}
$$

