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NumWorks Scavenger Hunt

## Instructions:

1) Find any of the cards to start your Scavenger Hunt
2) Record the shape on the card in the line below
3) Using your NumWorks Calculator, solve the math problem. If you get stuck, look for the Calculator Hints
4) Record your answer on your answer sheet below and use this to find the next problem
5) When you are finished, you should have done all of the problems and made your way back to your starting shape!

| Shape | Answer |
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## Sample Student Answer

*Keep in mind that students can start at any place, so their starting shape may be different, but the order should be the same

| Shape | Answer |
| :---: | :---: |
| $\Phi$ | $\frac{\pi^{2}}{25} \approx 0.39$ |
| TT | $x=\frac{17}{2}=8.5$ |
| $\Delta$ | $5 \sqrt{2} \approx 7.07$ |
| $\lambda$ | 3 |
| $\Psi$ | mean $=2.45$ |
| $\rho$ | $x=-4.8$ |
| $\beta$ | median $=6$ |
| O | $x=-\frac{7}{6}$ and $y=-\frac{3}{2}$ |
| $\Sigma$ | $y=-5$ |
| $\sigma$ | $\frac{37}{20}=1.85$ BONUS: $1 \frac{17}{20}$ |
| $\varphi$ | $m=-3$ |
| ठ | $y=5$ |

