

# Order of Operations (with Square Roots)

Name: \_\_\_\_\_

Evaluate. Show your work!!

1)  $2\sqrt{25} + 3$

2)  $7 - 12\sqrt{9}$

3)  $\sqrt{10^2 - 6^2}$

4)  $3(\sqrt{121} - 2)$

5)  $6 - 2\sqrt{81}$

6)  $5\left(\sqrt{\frac{450}{2}} - 6\right)$

7)  $6 - 12\sqrt{\frac{49}{144}}$

8)  $8 - \sqrt{196} - 4(7)$

9)  $\sqrt{1} - \sqrt{\frac{4}{9}}$

10)  $8\sqrt{\frac{64}{4}} + 3\sqrt{49}$