

Name: _____

Date: _____ Score: _____

Simplifying Radicals Using Imaginary Numbers

Simplify

1 $\sqrt{-12}$

2 $\sqrt{-128}$

3 $\sqrt{-512}$

4 $\sqrt{-36}$

5 $\sqrt{-147}$

6 $(-5 - 4i) + (8 - 7i)$

7 $(-3 - 8i) - (6i + 3i)$

8 $(-4 - 5i) - (4 + 6i)$

9 $(-6 - 7i) + (2 + 6i)$

10 $(-5 - 4i) + (8 - 7i)$