

Imaginary and Complex Numbers

Name: _____

Period: _____

Directions: Simplify each imaginary number.

1. $\sqrt{-28}$

2. $\sqrt{-36}$

3. $\sqrt{-45}$

4. $3\sqrt{-48}$

5. $5\sqrt{-75}$

6. $-4\sqrt{-20}$

7. $7\sqrt{-225}$

8. $-6\sqrt{-180}$

9. $11\sqrt{-72}$

10. $\sqrt{-288}$

11. $\sqrt{-500}$

12. $\sqrt{-432}$

Directions: Find the conjugate of each complex number.

13. $3 + 2i$

14. $-6 + 3i$

15. $4 - i$

16. $-8 - 10i$

17. $14 - 5i$

18. $-5 + 13i$