Rewriting and Simplifying Complex Numbers

In 1 – 16, express each number in terms of i, and simplify.

1. $\sqrt{-36}$

2. $\sqrt{-100}$

3. $-\sqrt{-81}$

4. $2\sqrt{-49}$

5. $2\sqrt{-64}$

6. $10\sqrt{-9}$

7. $-3\sqrt{-144}$

8. $\sqrt{-25}$

9. $\sqrt{-3}$

10. $\sqrt{-29}$

11. $3\sqrt{-11}$

12. $-\sqrt{-10}$

13. $\sqrt{-20}$

14. $-\sqrt{-28}$

15. $2\sqrt{-75}$

16. $5\sqrt{-8}$

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Rewrite the following the imaginary numbers in radical form.

$3i$

$5i$

$13i$

Identify the Imaginary Part and the Real Part of the Complex Numbers below.

$5-3i$

$-1+4i$

$3i$

7