



Algebra 2

Topic // Complex Practice A

Standards: 8.0 Holt: 5-9 Complex Numbers p. 383

N:

D: P: 1 2 3 4 5 6

1. Find the value of: i^4

2. Find the value of: $3i^9$

3. $(-6 + 3i) + (9 - 15i)$

4. $(-6 + 5i) - (7 - 2i)$

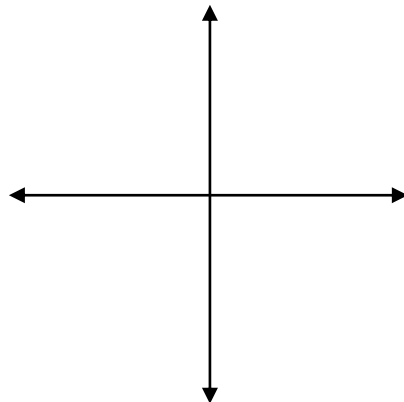
5. $(9 - i)(7 + 3i)$

6. Divide. $\frac{3 - i}{2 + 3i}$

8. What is the product of $7i$ and $3i$?

9. What is the product of the complex numbers $(8+i)$ and $(8-i)$?

- 10. Graph: $7-i$
- 11. Graph: $-3+i$
- 12. Graph: $4i$
- 13. Graph: $2+2i$



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