



Chapter 4: Complex Numbers

Rationalizing Imaginary Denominators

 Simplify.

1) $\frac{-2}{-2i} =$

2) $\frac{-1}{-9i} =$

3) $\frac{-8}{-5i} =$

4) $\frac{-5}{-i} =$

5) $\frac{3}{5i} =$

6) $\frac{6}{-4i} =$

7) $\frac{6}{-7i} =$

8) $\frac{-10}{3i} =$

9) $\frac{a}{bi} =$

10) $\frac{10-10i}{-5i} =$

11) $\frac{4-9i}{-6i} =$

12) $\frac{6+8i}{9i} =$

13) $\frac{8i}{-1+3i} =$

14) $\frac{5i}{-2-6i} =$

15) $\frac{-10-5i}{-6+6i} =$

16) $\frac{-5-9i}{9+8i} =$

17) $\frac{-5-3i}{7-10i} =$

18) $\frac{-1+i}{-5i} =$

19) $\frac{-6-i}{i} =$

20) $\frac{-4-i}{9+5i} =$

21) $\frac{-3+i}{-2i} =$

22) $\frac{-6-i}{-1+6i} =$

23) $\frac{-9-3i}{-3+3i} =$

24) $\frac{4i+1}{-1+3i} =$