

Homework

p. 279: 23-33 (odds)

MULTIPLYING AND DIVIDING Write the expression as a complex number in standard form.

22. $6i(3 + 2i)$

23. $-i(4 - 8i)$

24. $(5 - 7i)(-4 - 3i)$

25. $(-2 + 5i)(-1 + 4i)$

26. $(-1 - 5i)(-1 + 5i)$

27. $(8 - 3i)(8 + 3i)$

28. $\frac{7i}{8 + i}$

29. $\frac{6i}{3 - i}$

30. $\frac{-2 - 5i}{3i}$

31. $\frac{4 + 9i}{12i}$

32. $\frac{7 + 4i}{2 - 3i}$

33. $\frac{-1 - 6i}{5 + 9i}$