

Homework

p. 279: 3-17 (odds)

SOLVING QUADRATIC EQUATIONS Solve the equation.

3. $x^2 = -28$

4. $r^2 = -624$

5. $z^2 + 8 = 4$

6. $s^2 - 22 = -112$

7. $2x^2 + 31 = 9$

8. $9 - 4y^2 = 57$

9. $6t^2 + 5 = 2t^2 + 1$

10. $3p^2 + 7 = -9p^2 + 4$

11. $-5(n - 3)^2 = 10$

ADDING AND SUBTRACTING Write the expression as a complex number in standard form.

12. $(6 - 3i) + (5 + 4i)$

13. $(9 + 8i) + (8 - 9i)$

14. $(-2 - 6i) - (4 - 6i)$

15. $(-1 + i) - (7 - 5i)$

16. $(8 + 20i) - (-8 + 12i)$

17. $(8 - 5i) - (-11 + 4i)$