

9-1 Skills Practice

p. 467: 32 - 41 all

Squares and Square Roots**Find each square root, if possible.**

1. $\sqrt{1}$

2. $\sqrt{9}$

3. $\sqrt{25}$

4. $\sqrt{49}$

5. $\sqrt{64}$

6. $\sqrt{169}$

7. $-\sqrt{36}$

8. $\sqrt{-81}$

9. $-\sqrt{64}$

10. $-\sqrt{169}$

11. $\sqrt{-196}$

12. $-\sqrt{121}$

13. $\sqrt{225}$

14. $\sqrt{441}$

15. $\sqrt{625}$

16. $\pm\sqrt{289}$

17. $\pm\sqrt{324}$

18. $\pm\sqrt{8100}$

19. $\sqrt{2.25}$

20. $\sqrt{0.16}$

21. $\sqrt{3.24}$

Use a calculator to find each square root to the nearest tenth.

22. $\sqrt{31}$

23. $\sqrt{40}$

24. $\sqrt{94}$

25. $\sqrt{132}$

26. $-\sqrt{68}$

27. $-\sqrt{247}$

28. $\sqrt{-521}$

29. $-\sqrt{314}$

30. $-\sqrt{902}$

31. $-\sqrt{0.85}$

32. $-\sqrt{2.45}$

33. $-\sqrt{4.05}$

Estimate each square root to the nearest whole number. Do not use a calculator.

34. $\sqrt{38}$

35. $\sqrt{84}$

36. $\sqrt{389}$

37. $\sqrt{5}$

38. $\sqrt{118}$

39. $\sqrt{230}$

40. $-\sqrt{83}$

41. $-\sqrt{19}$

42. $-\sqrt{119}$

43. $\sqrt{9.3}$

44. $\sqrt{27.5}$

45. $\sqrt{78.1}$