NAME _____ DATE _____ PERIOD _____

Lesson 6 Extra Practice

Square Roots and Cube Roots

Find each square root.

1. $\sqrt{36}$

2. $-\sqrt{81}$

3. $\pm\sqrt{196}$

4. $\pm\sqrt{100}$

5. $-\sqrt{49}$

6. $-\sqrt{400}$

Estimate each square root to the nearest integer.

7. $\sqrt{21}$

8. $-\sqrt{85}$

9. $\sqrt{73}$

10. $\sqrt{199}$

11. $\sqrt{174}$

12. $-\sqrt{110}$

Find each cube root.

13. $\sqrt[3]{27}$

14. $\sqrt[3]{-8}$

15. $-\sqrt[3]{216}$

16. $\sqrt[3]{-1000}$

17. $\sqrt[3]{343}$

18. $\sqrt[3]{-1}$

Estimate each cube root to the nearest integer.

19. $\sqrt[3]{-600}$

20. $\sqrt[3]{-49}$

21. $\sqrt[3]{1498}$

22. $\sqrt[3]{62}$

23. $-\sqrt[3]{145}$

24. $-\sqrt[3]{1927}$