**Lesson 1-3a Homework Practice**

***Perfect Squares & Square Roots***

**Find each root.**

 **1.** $\sqrt{36}$ **2.** $-\sqrt{144}$ **3.** $\sqrt{\frac{25}{64}}$ **4.** $\sqrt{625}$

 **5.** $\pm \sqrt{2.25}$ **6.** $\pm \sqrt{\frac{121}{289}}$ **7.** $\sqrt{\frac{-81}{100}}$ **8.** $\pm \sqrt{0.0025}$

 **9.** $–\sqrt{0.49}$  **10.** $–\sqrt{3.24}$ **11.** $-\sqrt{\frac{25}{441}}$ **12.** $\pm \sqrt{361}$

**ALGEBRA Solve each equation. Check your solution(s).**

 **13.** $h^{2}=121$ **14.** $324=a^{2}$ **15.** $x^{2}=\frac{81}{169}$

 **16.** $0.0196=m^{2}$ **17.** $\sqrt{y}=6$ **18.** $\sqrt{z}=8.4$

 **19. GARDENING** Moesha has 196 pepper plants that she wants to plant in square formation. How many pepper plants should she plant in each row?

 **20. RESTAURANTS** A new restaurant has ordered 64 tables for its outdoor patio. If the manager arranges the tables in a square formation, how many will be in each row?

**GEOMETRY The formula for the perimeter of a square is *P* = 4*s*, where *s* is the length of a side. Find the perimeter of each square.**

 **21. 22. 23.**





