1-3A Pg 20, Q's 9-26

Simplify each expression. See Problem 1.

9. $\sqrt{36}$ **10.** $\sqrt{169}$ **11.** $\sqrt{16}$ **12.** $\sqrt{900}$ **13.** $\sqrt{\frac{36}{49}}$

14. $\sqrt{\frac{25}{81}}$ **15.** $\sqrt{\frac{1}{9}}$ **16.** $\sqrt{\frac{121}{16}}$ **17.** $\sqrt{1.96}$ **18.** $\sqrt{0.25}$

Estimate the square root. Round to the nearest integer. See Problem 2.

19. $\sqrt{17}$ **20.** $\sqrt{35}$ **21.** $\sqrt{242}$ **22.** $\sqrt{61}$ **23.** $\sqrt{320}$

Find the approximate side length of each square figure to the nearest whole unit.

24. a mural with an area of 18 m^2

25. a game board with an area of 160 $in.^2$

26. a helicopter launching pad with an area of 3000 ft^2