

Skill: Exponents and Square Roots**Investigation 2****Looking for Pythagoras****Find the value of each square root.**

1. $\sqrt{64}$

2. $\sqrt{81}$

3. $\sqrt{100}$

4. $\sqrt{144}$

Find the length of the side of a square with the given area.

5. 121 ft^2

6. 4 mi^2

7. 225 in.^2

8. 196 yd^2

Find two consecutive whole numbers that each number is between.

9. $\sqrt{80}$

10. $\sqrt{56}$

11. $\sqrt{130}$

12. $\sqrt{150}$

13. $\sqrt{70}$

14. $\sqrt{190}$

15. $\sqrt{204}$

16. $\sqrt{159}$

Estimate each square root to one decimal place.

17. $\sqrt{18}$

18. $\sqrt{24}$

19. $\sqrt{50}$

20. $\sqrt{8}$