Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_

**7.1B HW (Finding Square Roots)**

|  |  |
| --- | --- |
| 1. $3\sqrt{25}-2^{3}$ | 2. $\sqrt{\frac{27}{3}}+\frac{1}{2}$ |
| 3. $50+(\sqrt{4})^{2}$ | 4. $25-3\sqrt{16}$ |
| 5. $\sqrt{\frac{72}{2}}+\frac{3}{4}$ | 6. $4^{3}-(\sqrt{81})^{2}$ |
| 7. $2(15+\sqrt{\frac{64}{16}}$) | 8. $5(\sqrt{9})^{2}+\sqrt{36}$ |
| 9. The area of a circle is 45,216 square feet. Write and solve an equation to find the radius of the circle. Use 3.14 for $π$ | 10. The area of a circular pool cover is 314 square feet. Write and solve an equation to find the radius of the pool cover. Use 3.14 for $π$ |

Solutions: 1) 7 2)$3\frac{1}{2}$ 3) 54 4) 13 5) $6\frac{3}{4}$ 6) -17

 7) 34 8) 51 9) 120 feet 10) 10 feet