

LESSON
2.1**Challenge Practice***For use with the lesson "Find Square Roots and Compare Real Numbers"***Let n be any whole number from 1 to 100.**

1. Find all values of n such that $2n$ is a perfect square.
2. Find all values of n such that $3n$ is a perfect square.
3. Find all values of n such that $4n$ is a perfect square.
4. Find all values of n such that $5n$ is a perfect square.
5. Find all values of n such that $6n$ is a perfect square.
6. Find all values of n such that $7n$ is a perfect square.
7. Find all values of n such that $2\sqrt{n}$ is a perfect square.
8. Find all values of n such that $3\sqrt{n}$ is a perfect square.
9. Find all values of n such that $4\sqrt{n}$ is a perfect square.
10. Find all values of n such that $5\sqrt{n}$ is a perfect square.
11. Find all values of n such that $6\sqrt{n}$ is a perfect square.
12. Find all values of n such that $7\sqrt{n}$ is a perfect square.