

1. List all the perfect squares between 1 and 100 (inclusive). Also write their positive square root.

| Perfect Square | Square Root |
|----------------|-------------|
| 1 | 1 |
| 4 | 2 |
| 9 | 3 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

2. Simplify

a. $\sqrt{16} = 4$

b. $\sqrt{25}$

c. $\sqrt{81}$

d. $\sqrt{49}$

e. $\sqrt{64}$

f. $\sqrt{9}$

g. $\sqrt{121}$

h. $\sqrt{100}$

i. $\sqrt{36}$

j. $\sqrt{144}$

3. Estimate square roots

(Use the filled table in question 1.)

a. $\sqrt{13}$ lies between 3 and 4

b. $\sqrt{20}$ lies between ___ and ___

c. $\sqrt{50}$ lies between ___ and ___

d. $\sqrt{80}$ lies between ___ and ___

e. $\sqrt{5}$ lies between ___ and ___

f. $\sqrt{19}$ lies between ___ and ___

g. $\sqrt{3}$ lies between ___ and ___

h. $\sqrt{140}$ lies between ___ and ___