

List of square roots to commit to memory

$$\sqrt{1} = 1$$

$$\sqrt{4} = 2$$

$$\sqrt{9} = 3$$

$$\sqrt{16} = 4$$

$$\sqrt{25} = 5$$

$$\sqrt{36} = 6$$

$$\sqrt{49} = 7$$

$$\sqrt{64} = 8$$

$$\sqrt{81} = 9$$

$$\sqrt{100} = 10$$

$$\sqrt{121} = 11$$

$$\sqrt{144} = 12$$

$$\sqrt{169} = 13$$

----- Above this line is the minimum amount of square roots that should be memorized; they are the most commonly used square roots.

Below are "extras" for students who want to go above and beyond the minimum!

$$\sqrt{196} = 14$$

$$\sqrt{289} = 17$$

$$\sqrt{400} = 20$$

$$\sqrt{225} = 15$$

$$\sqrt{324} = 18$$

$$\sqrt{441} = 21$$

$$\sqrt{256} = 16$$

$$\sqrt{361} = 19$$

$$\sqrt{484} = 22$$

Look at this sheet 5-10 minutes daily and after just a few days, you will have most if not all memorized!