

Estimating Square Roots using Benchmarks

Estimate the square root of the following whole numbers:

$$\sqrt{38}$$

$$\sqrt{74}$$

$$\sqrt{130}$$

$$\sqrt{18}$$

Estimate the square root of the following decimals:

$$\sqrt{2.5}$$

$$\sqrt{61.3}$$

$$\sqrt{13.8}$$

$$\sqrt{98.95}$$

Estimate the square root of the following fractions:

$$\sqrt{\frac{2}{19}}$$

$$\sqrt{\frac{30}{75}}$$

$$\sqrt{\frac{7}{45}}$$

$$\sqrt{\frac{56}{13}}$$