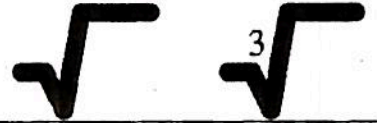


Square Roots and Cube Roots



Note Taking Time!

$\sqrt{\quad}$ Square Root: _____

$\sqrt[3]{\quad}$ Cube Root: _____

Is it Rational or Irrational?

$$\sqrt{49}$$

$$\sqrt[3]{1000}$$

$$\sqrt{54}$$

$$\sqrt[3]{24}$$

Now It's Your Turn!

1) $\sqrt{100}$

2) $\sqrt[3]{9}$

3) $\sqrt{40}$

4) $\sqrt[3]{64}$

Can you name a number that is a perfect square and a perfect cube?

Are You Ready for a Challenge?

1) $\sqrt{\frac{4}{9}}$

2) $\sqrt[3]{\frac{1}{8}}$

3) $\sqrt{1.44}$

4) $\sqrt[3]{-27}$

Today's Take Away



Square Roots $\sqrt{\quad}$ of perfect squares and cube roots $\sqrt[3]{\quad}$ of perfect cubes are _____
_____.

Square Roots $\sqrt{\quad}$ of non-perfect squares and cube roots $\sqrt[3]{\quad}$ of non-perfect cubes are _____
_____.