



What is an IEP Goal?

IEP goals or objectives represent a part of a required fluency or list of skills that describe what a student should accomplish during the school year (IEP cycle). Each objective in the IEP goal progression moves the learner through previously unmastered skills and skill gaps that may span multiple grade levels or be more condensed to a specific grade or developmental range.

Teach Tastic IEP goals written to be SMART: Specific, Measurable, Attainable, Results-oriented and Time-bound.

Learning Standard

8.EE.A.2 Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.

Target Goal

By (date), when given problems with expressions and equations, the student will use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number improving expressions and equations skills from 0/10 work samples out of ten consecutive trials to 8/10 work samples in ten consecutive trials.

Objectives

Solve equations using cube roots

- 1 By (date), when given problems with exponents and roots, the student will solve equations using cube roots, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Solve equations using square roots

- 2 By (date), when given problems with exponents and roots, the student will solve equations using square roots, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Positive and negative square roots

- 3 By (date), when given problems with exponents and roots, the student will determine positive and negative square roots, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Square roots of perfect squares

- 4 By (date), when given problems with exponents and roots, the student will determine square roots of perfect squares, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Updates and Learning Resources

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Quarterly Progress Monitoring

Solve equations using cube roots

By (date), when given problems with exponents and roots, the student will solve equations using cube roots, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Date:										
Score:										

Proficiency: ☐ 1-Beginning 0-5/10 ☐ 2-Practicing 6/10 ☐ 2.5-Emerging 7/10
 ☐ 3-Proficient 8/10 ☐ 3.5-Advanced 9/10 ☐ 4-Mastery 10/10

Solve equations using square roots

By (date), when given problems with exponents and roots, the student will solve equations using square roots, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Date:										
Score:										

Proficiency: ☐ 1-Beginning 0-5/10 ☐ 2-Practicing 6/10 ☐ 2.5-Emerging 7/10
 ☐ 3-Proficient 8/10 ☐ 3.5-Advanced 9/10 ☐ 4-Mastery 10/10

Positive and negative square roots

By (date), when given problems with exponents and roots, the student will determine positive and negative square roots, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Date:										
Score:										

Proficiency: ☐ 1-Beginning 0-5/10 ☐ 2-Practicing 6/10 ☐ 2.5-Emerging 7/10
 ☐ 3-Proficient 8/10 ☐ 3.5-Advanced 9/10 ☐ 4-Mastery 10/10

Square roots of perfect squares

By (date), when given problems with exponents and roots, the student will determine square roots of perfect squares, improving expressions and equations skills from 0/10 problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

Date:										
Score:										

Proficiency: ☐ 1-Beginning 0-5/10 ☐ 2-Practicing 6/10 ☐ 2.5-Emerging 7/10
 ☐ 3-Proficient 8/10 ☐ 3.5-Advanced 9/10 ☐ 4-Mastery 10/10