

# High School Targets: Claim 1

**Claim 1: Concepts and Procedures - Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency. CLAIM 1**

- A Extend the properties of exponents to rational exponents TARGET A**

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- B Use properties of rational and irrational numbers TARGET B**

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- C Reason quantitatively and use units to solve problems TARGET C**

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- D Interpret the structure of expressions TARGET D**

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- E Write expressions in equivalent forms to solve problems. TARGET E**

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- F Perform arithmetic operations on polynomials TARGET F**

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- G Create equations that describe numbers or relationships TARGET G**

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- H Understand solving equations as a process of reasoning and explain the reasoning TARGET H**

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- I Solve equations and inequalities in one variable TARGET I**

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- J Investigate patterns of association in bivariate data TARGET J**

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- K Understand the concept of a function and use function notation. TARGET K**

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- L Interpret functions that arise in applications in terms of a context TARGET L**

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- M Analyze functions using different representations TARGET M**

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- N Build a function that models a relationship between two quantities TARGET N**

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- O Define trigonometric ratios and solve problems involving right triangles TARGET O**

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- P Summarize, represent, and interpret data on a single count or measurement variable TARGET P**