

# 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