

PROPERTIES OF EXPONENTS BOOK

You will create a “Properties of Exponents” book, where you will easily be able to find all the properties we have for exponents.

Directions for creating your book: You will need 2 pieces of paper. Fold the paper in half and cut them in half. Put your 4 halves together and fold in half again; staple along the fold to create a book. The top page is your cover, the backside of the cover is blank, and the first page is your table of contents. You should begin your first property on the backside of your table of contents. If you’ve followed these directions properly you will end on the very last page with nothing written on the back of the book. Below you will find the order your pages should be in.

Cover: Title “Properties of Exponents”

Page 1-2: Table of Contents

Page 3-4: Product of Powers Property

Page 5-6: Power to a Power Property

Page 7-8: Product to a Power Property

Page 9-10: Quotient of Powers Property

Page 11-12: Zero Power Property

Page 13-14: Negative Power Property

Rubric:

4 Exceeds	3 Meets	2 Almost Meets	1 Does Not Meet
Meet ALL expectations from “Meets” and: <ul style="list-style-type: none"> There is a visual display of the property (picture to help remember) There is a saying or a method given to remember the property 	<ul style="list-style-type: none"> All directions are followed The property is correct There is an example for the property with numbers The property is also given algebraically 	Missing 1 from “Meets”	Missing 2 from “Meets”

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