



UNIT 6 - EXPONENT PROPERTIES & SCIENTIFIC NOTATION

In the table below are the IXL topics aligned with what you are learning in class. Throughout the unit, some topics will be required to complete and assigned in IXL. The other topics are recommended as extra practice when you need it. The minimum smart score to achieve is 80.

Lesson in Notes	IXL Topic
Prerequisite skills	- Understanding Exponents (VFV) - Evaluate Powers (EYR) - Powers with Negative Bases (ZQC)
6.1 - Exponent Properties with Products	- Multiply powers: integer bases (EQY) - Multiply powers: variable bases (TR9)
6.2 - Exponent Properties with Power of Products	- Power of a power: integer bases (AEQ) - Powers of a power: variable bases (2CU)
6.3 - Exponent Properties with Quotients	- Divide powers: integer bases (M2C) - Evaluate expressions: using properties of exponents (UTY) - Divide powers: variable bases (DLA) - Multiply and divide powers: variables bases (85P)
6.4 - Zero and Negative Exponents	- Understanding negative exponents (YBB) - Evaluate powers with negative exponents (WGS) - Evaluate powers with negative or zero exponents (5MA)
6.5 - Reading Scientific Notation	- Convert between standard and scientific notation (H8A) - Scientific notation on calculators (62V)
6.6 - Writing Scientific Notation	Compare numbers written in scientific notation (RHT)