

Math Minilessons: Basic Research

Do we decimal?

FIND a library book that explains the history of the decimal point.

MAKE a problem-solution list of the problems that created a need for the decimal point and the ways in which it solved them. See *Inquire* page 271.

Geometry Star!

RESEARCH to find a mathematician who did amazing things with geometry.

MAKE a poster with a portrait of the person and **FEATURE** the person's contributions to geometry.

Math Dictionary

LOOK UP the origins of the following math terms: *simplify, sum, difference, product, and quotient*.

DEFINE each in your own words.

Angle Bisection

INVESTIGATE Euclid's method for bisecting an angle.

DEMONSTRATE his solution to a family member or classmate.

Fractions of Rome

RESEARCH the use of fractions in Ancient Rome, during the time of the Caesars.

PRESENT your findings to your class.

English Minilessons: Basic Research

Just a Phrase

LOOK UP the following phrase types and **WRITE** an example of each: *absolute, appositive, gerund, infinitive, participial, and prepositional*.

Sharpest Clause

LOOK UP the following clause types and **WRITE** an example of each: *adjective clause, adverb clause, and noun clause*. Share your best one in class.

Author Appearances

RESEARCH planned book signings or other appearances by a modern author.

ATTEND one if you can, and **ASK** the author a prepared question.

REPORT the answer to your class.

Adjective and Adverb Positions

FIND one example of each of the following in a favorite book:

1. An adjective that starts a sentence
2. An adverb that starts a sentence
3. An adjective within a sentence
4. An adverb within a sentence

REWRITE each sentence to move a starting adjective or adverb within the sentence and vice versa.