

BLOCK 2 ~ EXPONENTIAL FUNCTIONS

TIC-TAC-TOE

LOOKING BACKWARDS

Use exponential functions to look into the past to answer questions.



See page 73 for details.

RECURSION MIX-UP

Write arithmetic and geometric recursive routines.



See page 51 for details.

STORY TIME

Write a story where the character(s) encounter exponential situations.



See page 72 for details.

HOW-TO BROCHURE

Create a brochure on how to write and graph exponential functions.



See page 61 for details.

EXPONENTIAL VS. LINEAR FUNCTIONS

Compare exponential and linear functions by finding similarities and differences.



See page 61 for details.

WHICH BANK?

Examine interest rates from different banks. Create a display to show why a bank should be chosen.



See page 67 for details.

COMPOUND INTEREST

Use the compound interest formula to answer real-world questions.



See page 68 for details.

REAL-WORLD DATA

Create a scatter plot of real-world data that forms an exponential curve. Find an equation of best fit.



See page 62 for details.

ASYMPTOTES

Research functions that have asymptotes and create a display of these functions.



See page 62 for details.