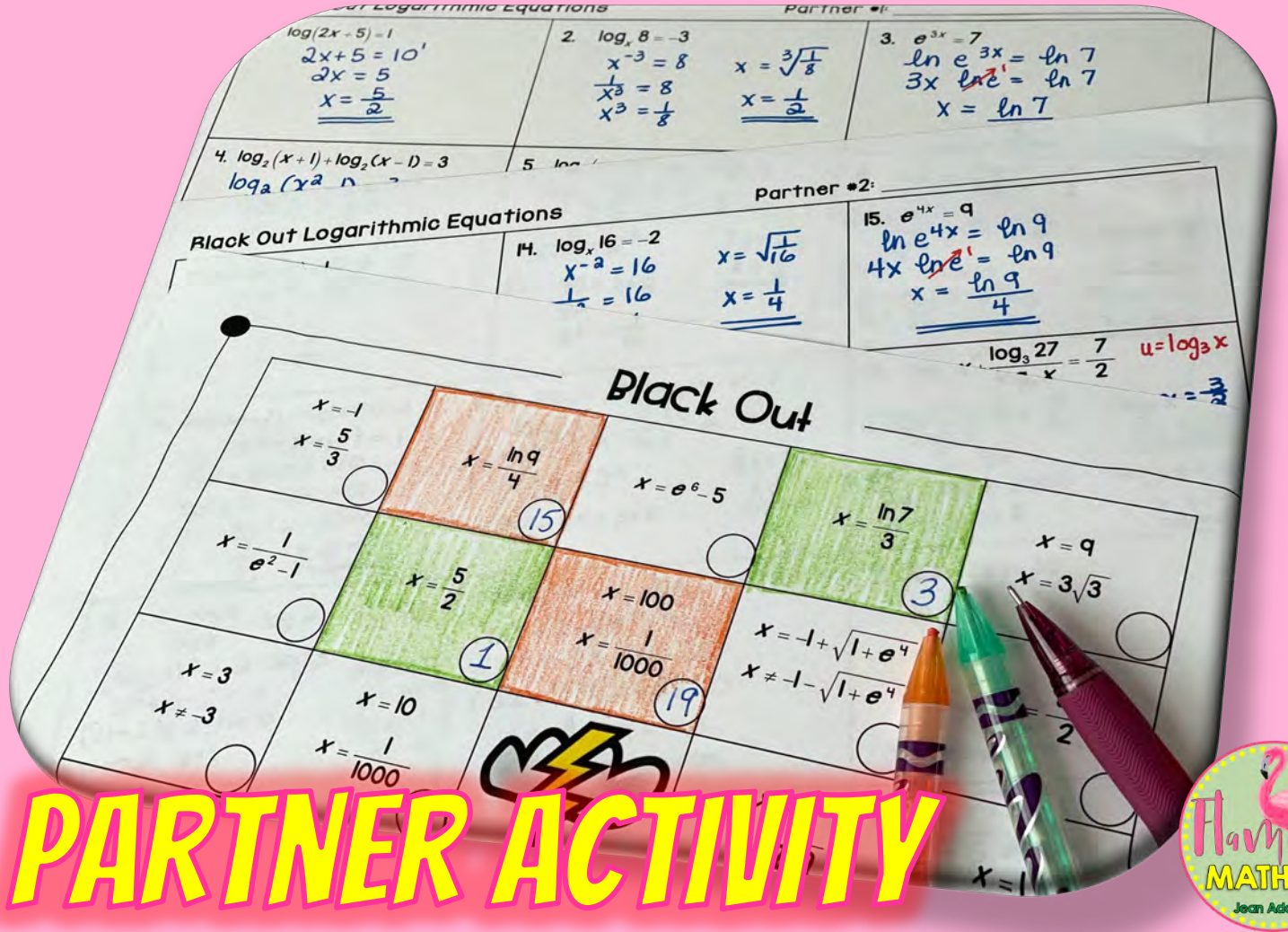
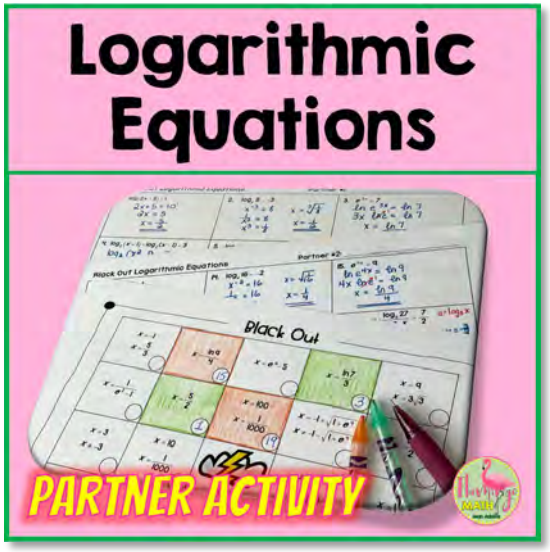
Logarithmic Equations



Solving Logarithmic Equations Partner Activity



KEY CONCEPTS/TOPICS:

1. Solve logarithmic equations
2. Identify extraneous solutions

GENERAL DIRECTIONS:

Students work with a partner to complete their unique set of 12 questions. As the answer is found, they will locate the answer on the "BLACK OUT Sheet," record the problem number, then color the block.

Product Overview

Solving Logarithmic Equations Partner Activity

This activity is designed to help your PreCalculus students review key concepts related to solving logarithmic equations and identifying extraneous solutions. There are 24 questions in the activity, so each student has a unique set of 12 problems. When the equation is solved, the student will locate their answer on the ***Black Out Sheet*** where they will record the number of their solution and then color the block in their specific color choice. When the activity is complete, all answers will be shaded, and the answer sheet will Black Out.

Students should work on their individual worksheet, without the aid of a graphing calculator.

About this Activity:

Your PreCalculus students will have 12 unique logarithmic equations to solve with a partner. There are a wide variety of equations using each of the following operations:

1. Solve logarithmic equations
2. Identify extraneous solutions

Solutions will be found on the "Black Out Sheet", where students will record the question number on their specific answer and shade their answer block with a color of their choice. When the partners are finished with all 24 questions, the entire "Black Out Sheet" will be color-blocked in two different colors.

This is a fun approach to review Solving Logarithmic Equations before the end of the unit on Exponential & Logarithmic Functions.

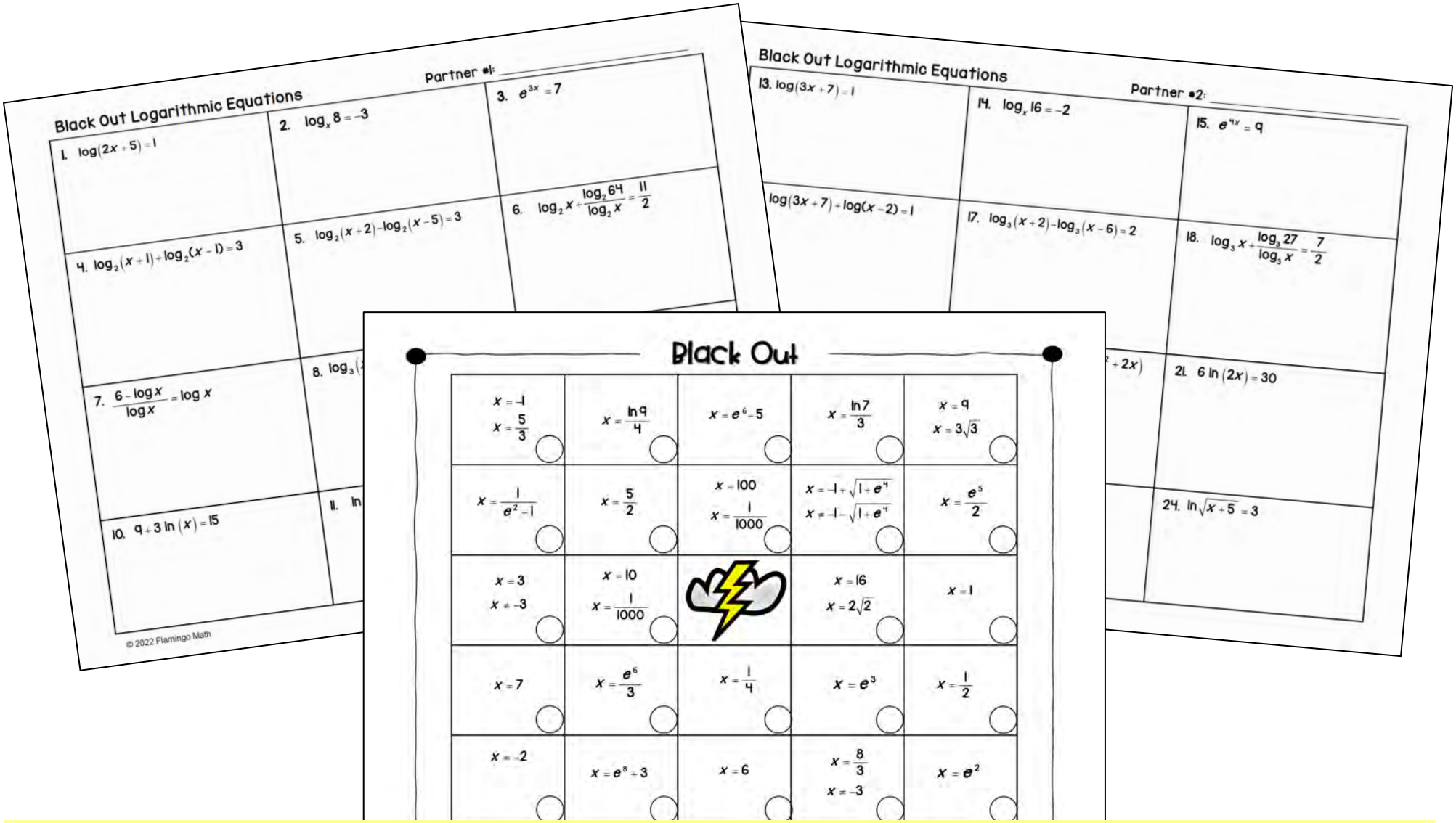
An answer key is provided as well as a completed solution set.

Have a wonderful week!

Jean

Product Pages

www.FlamingoMath.com



Students love partner activity days!