

STRAND: Factoring
ACTIVITY: Put a Hex on Factoring

SUBJECT: Algebra

OBJECTIVE:

To reinforce factoring skills

PREREQUISITES:

To multiply polynomials
To know and use factoring rules

MATERIALS NEEDED:

Pocket folders, file folders, envelopes or manila folders to store pieces
Construction paper

INSTRUCTIONS TO THE TEACHER FOR MAKING ACTIVITY:

1. Make a copy of the key for each student or group of students for activity I and activity II. (Use construction paper and laminate if possible.)
2. Cut apart and store pieces for activity I and activity II. (Keep pieces for each sheet separate.)

INSTRUCTIONS TO THE TEACHER FOR CONDUCTING ACTIVITY:

1. Hand pieces of activity I or II to each student or group of students.
2. Have students match equivalent expressions by either multiplying binomials or factoring trinomials.
3. When finished, have students check their answers with the answer key.

VARIATIONS:

1. Use different problems and/or operations.
2. Could use different shapes for puzzle.

EXTENSION:

Let students make their own puzzles.

