

MATS FOR INTEGER SUBTRACTION

Objective:

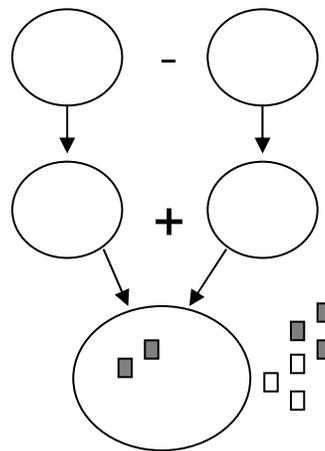
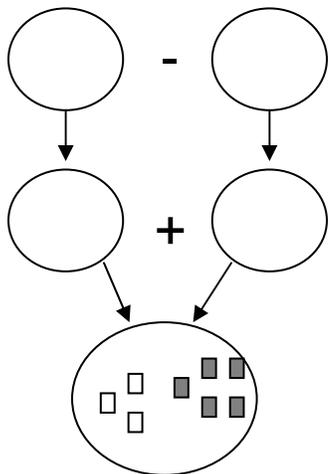
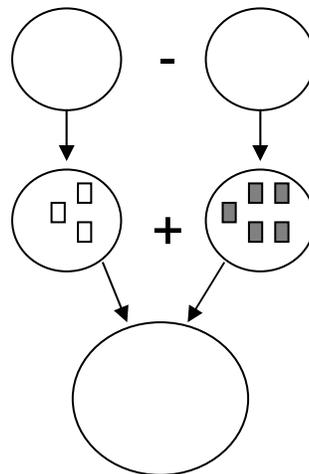
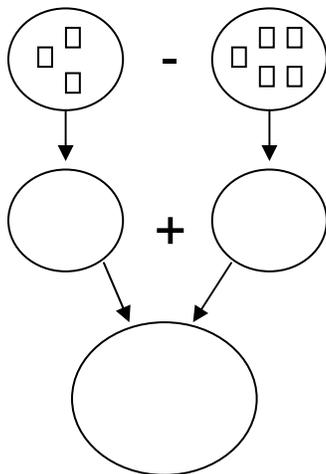
Provide concrete materials to develop the concept of subtraction with integers.

Materials:

- Algebra tiles
- Mats (one for each student)

Directions:

- Illustrate with Algebra Tiles $3 - 5$
- Move the tiles to the second row of circles and replace the tiles in the subtrahend (the value being subtracted) with opposite tiles. Note the sign change from a minus to a plus. (Addition of the opposite)
- Now move all the tiles to the bottom circle and remove resulting zeros. Write the following expression $-3 + ^{-}5$.
- Have students write the expressions as they work with the tiles and evaluate the expressions. $3 + ^{-}5 = -2$



INTEGER SUBTRACTION MAT

