

## Introduction to Algebra Tiles - Part II



Building upon the lesson on zero pairs the students will observe the following on the overhead projector.

Model addition:

Place 3 yellow tiles and then add 2 more yellow. How many tiles all together?

Place 2 yellow tiles and then add 5 more yellow. How many tiles all together?

Place 6 yellow tiles and then add 3 more yellow. How many tiles all together?

Place 3 red tiles and then add 2 more red. How many tiles all together?

Place 4 red tiles and then add 3 more red. How many tiles all together?

Place 5 red tiles and then add 4 more red. How many tiles all together?

What is different about these problems from the ones we completed before? (No zero pairs.)

Have students turn to **Using Models to Add Integers II**. Have students model these problems with their tiles using zero pairs. In some problems students will be removing zero pairs and other they will not. Have students look for patterns. Students should complete column 3 only. White squares will represent yellow squares and black squares will represent red squares. Students will not be completing column 4.

Have students write down any patterns they see in the chart.