**Bell Work** A tourist in London looks up at the clock in Big Ben tower and finds that it is exactly 8:00. When she looks up at the clock later, it is exactly 8:10. per # a. Through what angle of rotation did the minute hand turn? Through what angle of rotation did the hour hand turn? b. Make a table that shows different amounts of time, from 5 minutes to 60 minutes, in 5-minute increments. For each number of minutes, provide the angle of rotation for the minute hand of a clock and the angle of rotation for the hour hand of a clock. 30° 10 min. 360, "3 - 60 5° min minhand how hand 10

## 3.1 Sequences of Transformations

Essential Question: What happens when you apply more than one transformation to a figure?

Dilation- preserves the shape but NOT the size of a figure

Horizontal or Vertical stretchdoes NOT preserve either the size or the shape of a figure









