

# Stretching & Shrinking 4.1

## adjacent sides

Two sides that meet at a vertex. In this rectangle, sides  $AB$  and  $AD$  are adjacent because they meet at vertex  $A$ .



## equivalent ratios

Ratios whose fraction representations are equivalent are called equivalent ratios. For instance, the ratios 3 to 4 and 6 to 8 are equivalent because  $\frac{3}{4} = \frac{6}{8}$ .

## proportion

An equation stating that two ratios are equal.

## ratio

A comparison of two quantities expressed with a phrase such as 'the ratio of 3 to 5' which means '3 for every 5.' Such ratio comparisons are often written as common fractions and in the special notation  $3 : 5$ .

35 3 to 5 3 : 5

# Stretching & Shrinking 4.2

**No new vocabulary terms.**

# Stretching & Shrinking 4.3

**No new vocabulary terms.**

# Stretching & Shrinking 4.4

**No new vocabulary terms.**