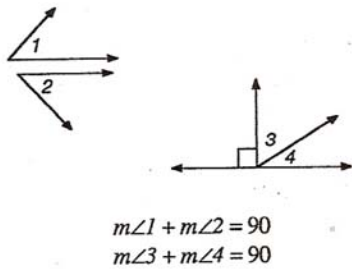
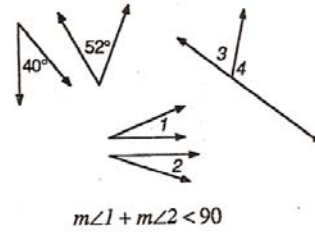


These are examples of complementary angles



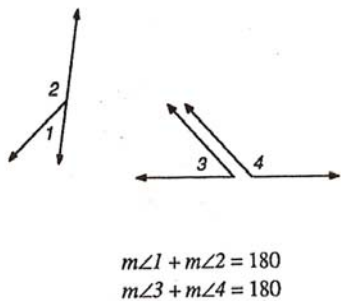
These are examples of angles that are not complementary



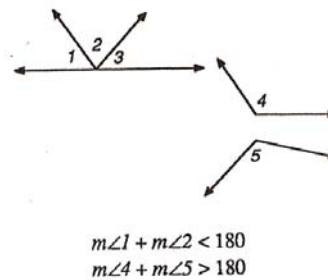
Write a definition for complementary angles.

Use the index card to cut out a pair of complementary angles. Glue it below.

These are examples of supplementary angles.



These are examples of angles that are not supplementary.



Write a definition for supplementary angles.

Use the index card to cut out a pair of supplementary angles. Glue it below.

Draw a picture of a pair of complementary angles where the larger angle is twice the smaller angle. What is the measure of each angle?

Draw a picture of a pair of supplementary angles where the larger angle is three times the smaller angle. What is the measure of each angle?

Draw a picture where angle B is the supplement to acute angle A. Also draw a second picture where angle C is the complement of the same angle A. Pick some measurements that fit your picture. Is there something special about the measure of angle B minus angle C?

Draw several different pictures for angles A, B and C that meet the above conditions. What do you notice about measure of angle B - measure of angle C?

Draw a picture of two supplementary angles that are not adjacent to each other, such that the measure of the smaller angle is $\frac{1}{4}$ the size larger angle. Find the measure of each angle.

Draw a picture of two complementary angles that are not adjacent to each other, such that the measure of the smaller angle is $\frac{1}{5}$ the size of the larger angle. Find the measure of each angle.