

- 1 The measure of one of two complementary angles is three greater than twice the measure of the other. Find the measure of each.

Step 1 — Draw a picture

Step 2 — Set up an equation and solve

Step 3 — Substitute to find the measure of the angle

- 2 One of two complementary angles has a measure that is six more than twice the other's. Find the measure of the larger angle.
- 3 The measure of the supplement of an angle is five times that of the angle's complement. Find the measure of the angle and its complement.
- 4 The measure of the supplement of an angle is 60 less than 3 times the measure of the complement of the angle. Find the measure of the complement.