

## Complementary & Supplementary Angles

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- 1) The measure of an angle is half the measure of its complement. Find the measure of the smaller angle.
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- 2) Find the measure of an angle that is  $28^\circ$  more than its complement.

# Preview

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- 3) If  $\angle a$  and  $\angle b$  are complementary angles, and  $m\angle a = 2m\angle b$ , find the measures of the angles.
- 4) If  $\angle a$  and  $\angle b$  are supplementary angles, and  $m\angle a = 3m\angle b$ , find the measures of the angles.
- 5) The difference in the measures of two supplementary angles is  $100^\circ$ . Find the measures of the angles.
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- 6) If  $\angle a$  and  $\angle b$  are supplementary angles, and  $5m\angle a = m\angle b$ , what are the measures of the angles?
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