## Supplementary Angles

1) If $\angle \mathrm{a}$ and $\angle \mathrm{b}$ are supplementary angles, and $\mathrm{m} \angle \mathrm{a}=2 \mathrm{~m} \angle \mathrm{~b}$, what are the measures of the angles?
2) The measure of an angle is $72^{\circ}$ more than its supplement. Find the measure of the larger angle.
3) 


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 angle?
6) If an angle and its one third form a pair of supplementary angles, what are the measures of the angles?

