

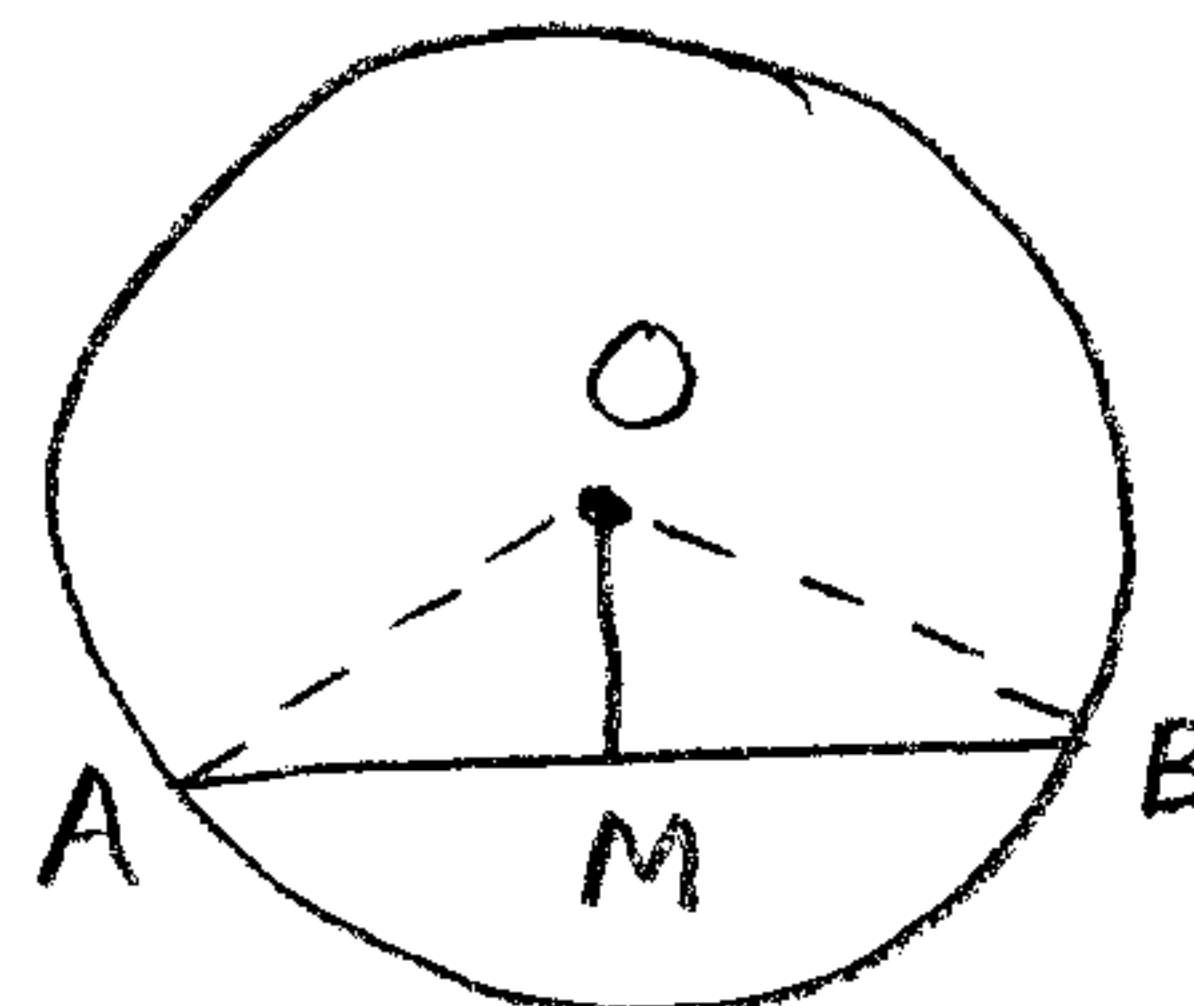
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10/21/08

(example for HW
due 10/22/08)

§4.4 #1

1. Given: $\odot O$
M mdpt. of $\overline{AB}$
Prove: $\overline{OM} \perp \overline{AB}$



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| <p>1. $\odot O$</p> <p>2. Construct $\overline{OA}$</p> <p>3. " $\overline{OB}$</p> <p>4. $\overline{OA} \cong \overline{OB}$</p> <p>5. M mdpt. of $\overline{AB}$</p> <p>6. $\overline{AM} \cong \overline{MB}$</p> <p>[7. O equid. from A, B;
M equid. from A, B]</p> <p>8. $\overline{OM} \perp [\text{bis.}] \overline{AB}$</p> | <p>1. G</p> <p>2. Two pts. det. a line</p> <p>3. " " " " "</p> <p>4. Radii of a $\odot$ are $\cong$</p> <p>5. G</p> <p>6. Def. of mdpt.</p> <p>7. Def. of equidistant]</p> <p>8. PBT</p> |
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