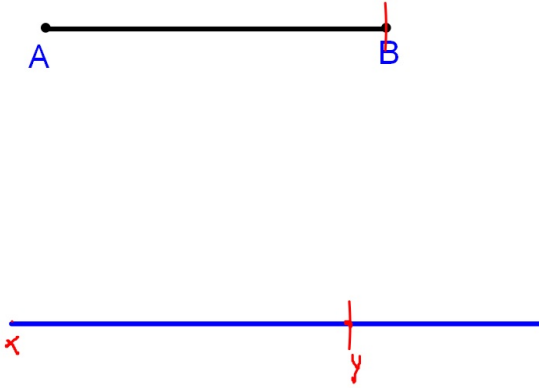


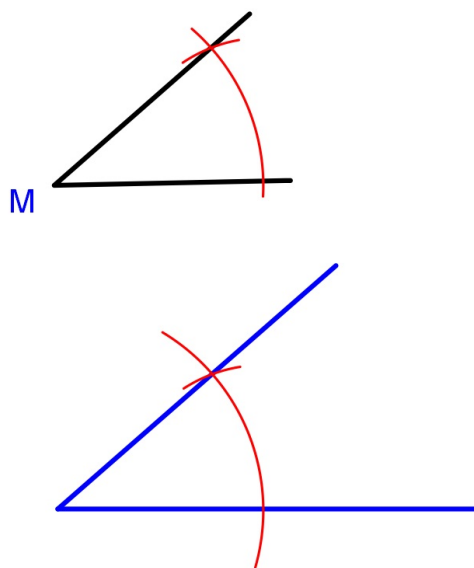
PC - 1  
Constructions

Examples

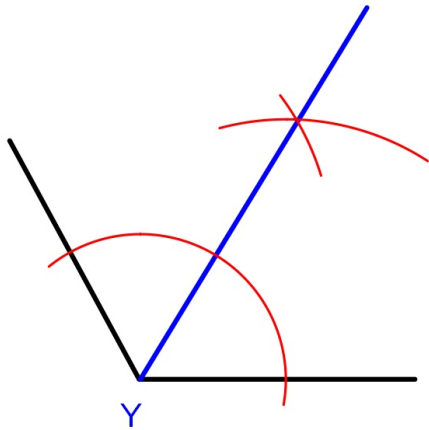
1. Constructing a line congruent to another line.



2. Constructing an angle congruent to another angle.



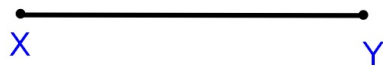
3. Constructing an angle bisector.



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PC - 1

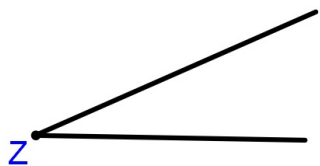
1. Construct line segment  $\overline{AB}$  which is congruent to  $\overline{XY}$ .



2. Construct line segment  $\overline{LM}$  which is  $2\overline{XY}$ .

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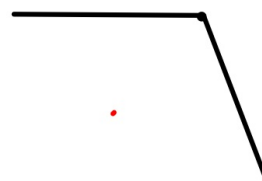
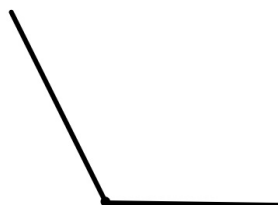
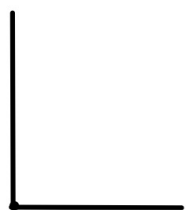
3. Construct  $\angle D$  congruent to  $\angle Z$



4. Construct  $\angle E$  whose measure is twice  $\angle Z$ .

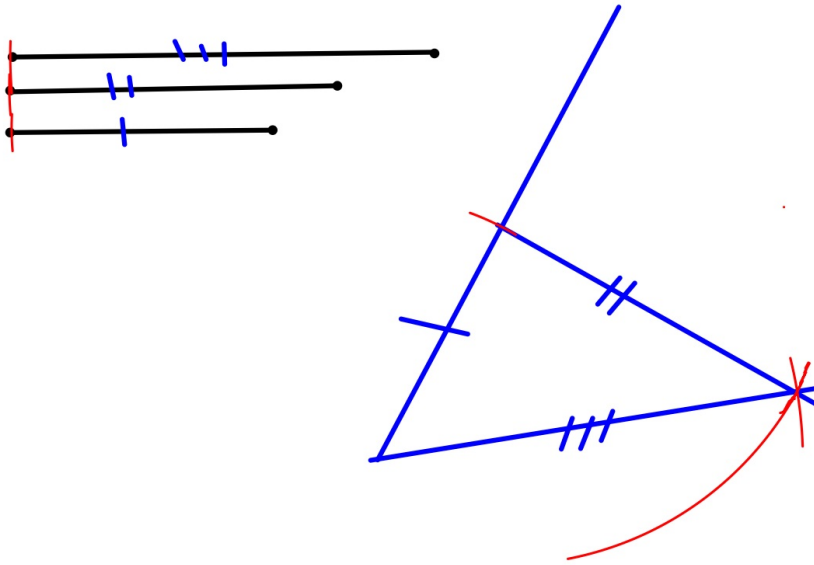
Page 5

5. Construct angles congruent to each of the angles shown below.



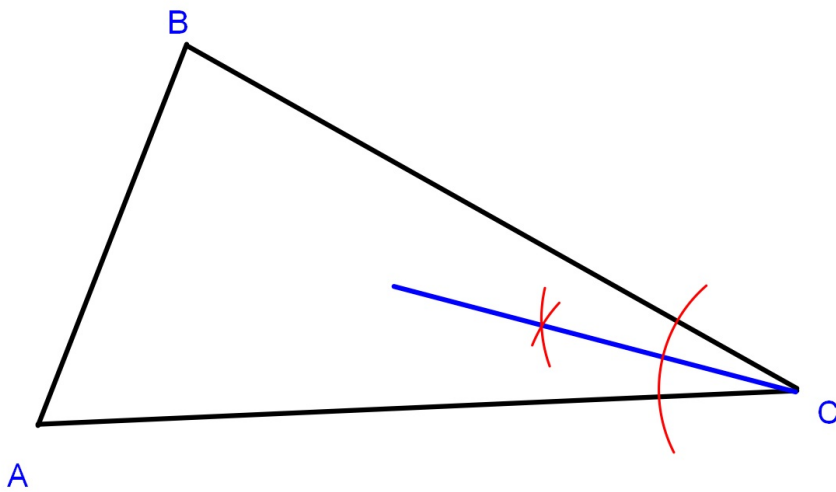
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6. Construct a triangle whose sides are congruent to the three lines shown below.



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Construct the bisector of each angle of the triangle.



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