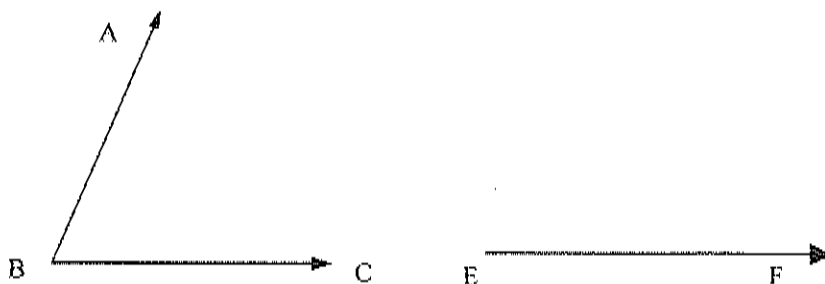# Construction Review
Do Work on this Sheet

Answer each of the following. Be sure to include a sketch as part of your answer when appropriate.
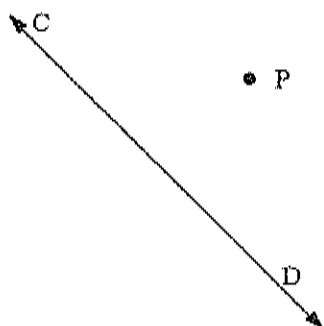
1) Create line segment $\overline{FD}$ whose length is twice the measure of $\overline{AB}$

A ——————— B

2) Construct <DEF equal to ½ m<ABC .

A

B ——————→ C

E ————————————→ F

3) Construct a line perpendicular to CD passing through Point P.

C

• P

D

4) Construct a 105° angle.

5) Draw a line **parallel** to $\overleftrightarrow{EF}$ through point P.

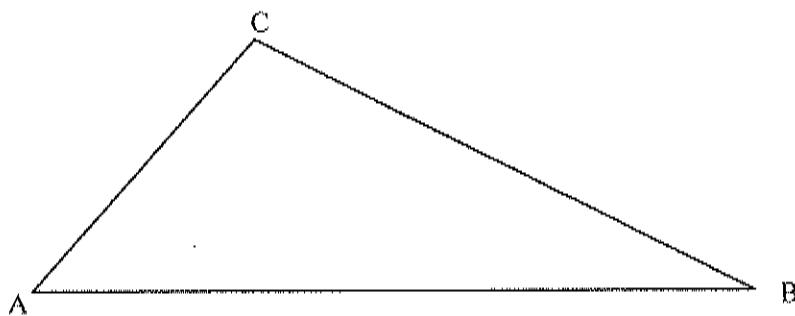• P

E ←————————————→ F

6) Construct an **isosceles triangle** given the base and a leg.

Base   Leg
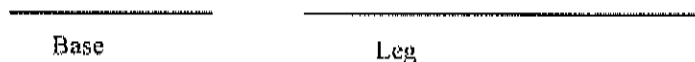
Continue with the work on the back

7)   Construct an angle whose measure is equal to the m<A + m<B. Call it <DEF.

C

A   B

8) Construct a square. (Hint: the diagonals of a square are equal, bisect each other, and are perpendicular)

9)   Construct a 120° angle.