

# Parallel and Perpendicular Lines



## Corresponding Angles Formed by Parallel Lines



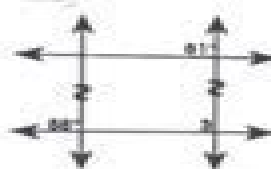
When 2 or more parallel lines are cut by a transversal, corresponding angles are congruent.

$$\begin{aligned} d \parallel f \quad m\angle 1 &= 106^\circ \\ m\angle 2 &= 74^\circ \end{aligned}$$

Find the measures of angles 1-22.



$$\begin{aligned} m\angle 1 &= \underline{\hspace{1cm}} \\ m\angle 2 &= \underline{\hspace{1cm}} \end{aligned}$$



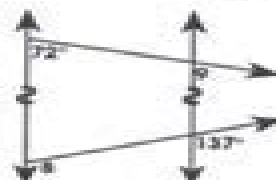
$$m\angle 3 = \underline{\hspace{1cm}}$$



$$\begin{aligned} m\angle 4 &= \underline{\hspace{1cm}} \\ m\angle 5 &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} m\angle 6 &= \underline{\hspace{1cm}} \\ m\angle 7 &= \underline{\hspace{1cm}} \end{aligned}$$



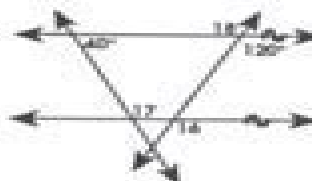
$$\begin{aligned} m\angle 8 &= \underline{\hspace{1cm}} \\ m\angle 9 &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} m\angle 10 &= \underline{\hspace{1cm}} \\ m\angle 11 &= \underline{\hspace{1cm}} \\ m\angle 12 &= \underline{\hspace{1cm}} \\ m\angle 13 &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} m\angle 14 &= \underline{\hspace{1cm}} \\ m\angle 15 &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} m\angle 16 &= \underline{\hspace{1cm}} \\ m\angle 17 &= \underline{\hspace{1cm}} \\ m\angle 18 &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} m\angle 21 &= \underline{\hspace{1cm}} \\ m\angle 22 &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} m\angle 19 &= \underline{\hspace{1cm}} \\ m\angle 20 &= \underline{\hspace{1cm}} \end{aligned}$$

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