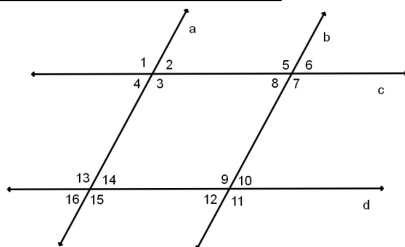


1. Given: $a \parallel b$ and $c \parallel d$

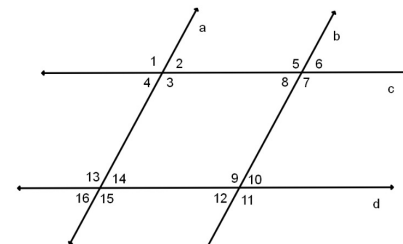
Prove: $\angle 12$ suppl to $\angle 3$



Statement	Reason
1. $a \parallel b$ and $c \parallel d$	1. Given

2. Given: $a \parallel b$ and $\angle 5 \cong \angle 15$

Prove: $c \parallel d$



Statement	Reason
1. $a \parallel b$ and $\angle 5 \cong \angle 15$	1. Given

3. Find the measure of one interior angle of a regular 36-gon

4. The measure of one interior angle of a regular polygon is 172.5° . Find the number of sides.

Use a sheet of graph paper to graph each line on the x-y plane.

1. $y = -3x + 1$

2. $y = \frac{2}{3}x$

3. $y = -2$

4. $x = 4$

5. $3x + 2y = 12$