

2014-10-09

Chapter 3.5

Constructions

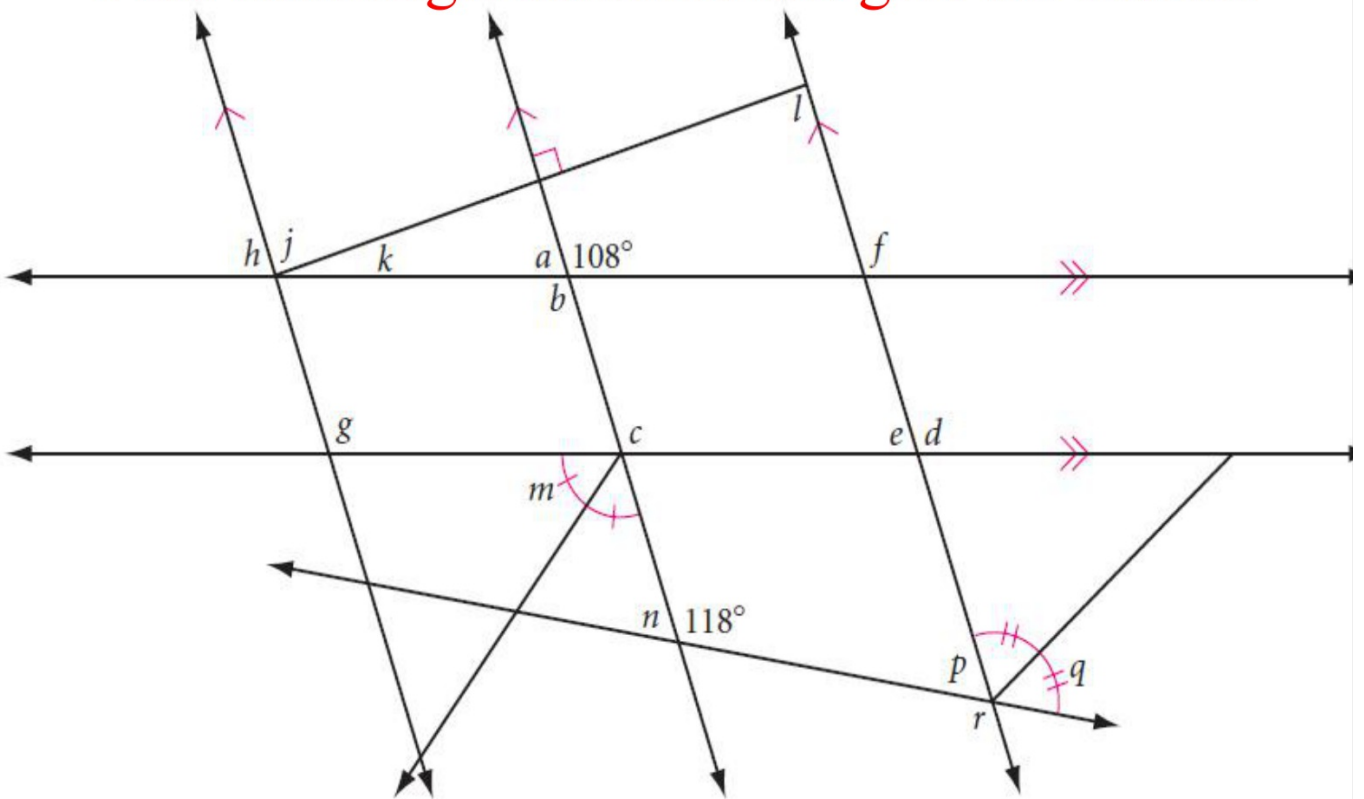


Today we will learn to construct
Parallel Lines.

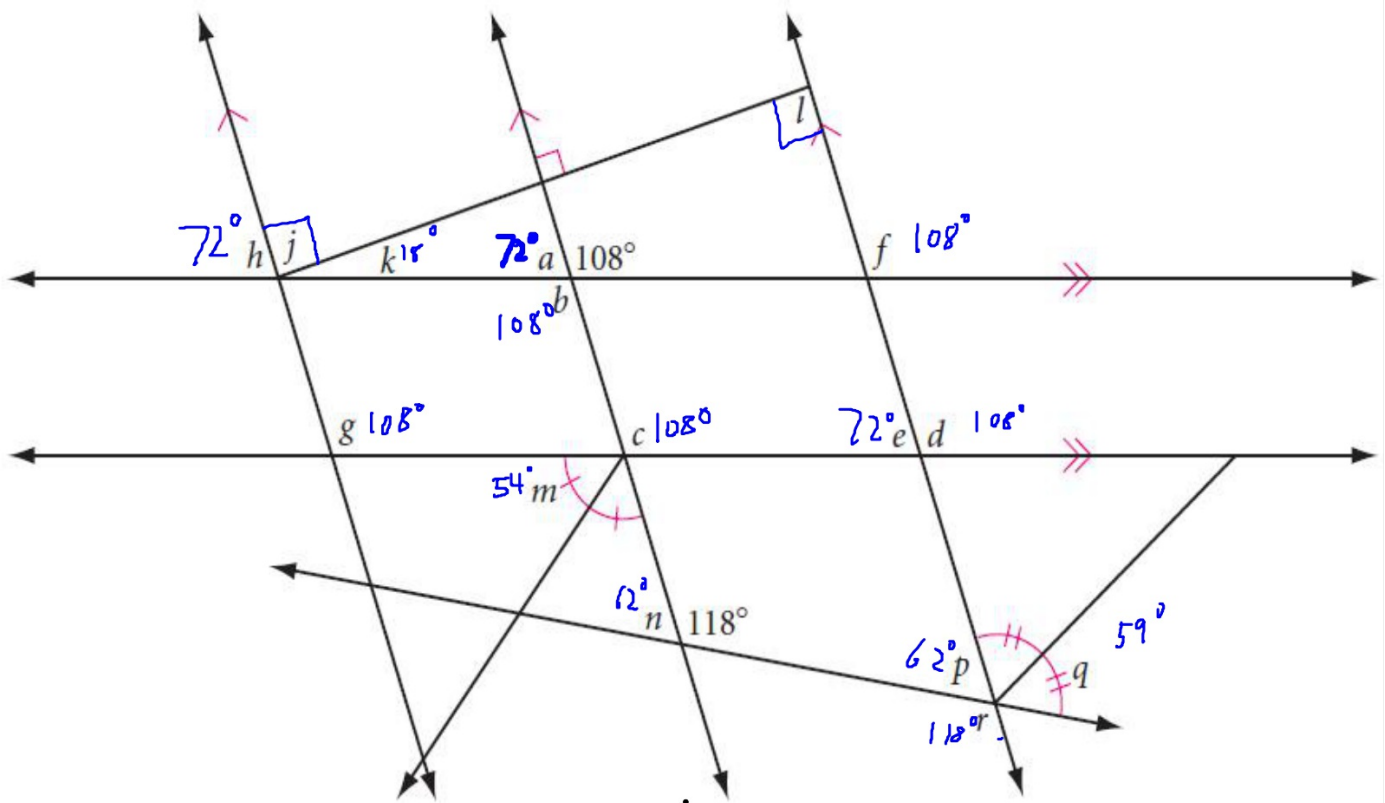
Please take out your compass and straight edge!

Get out Textbooks and Comp Books!

Warm-up:
 Find each angle measure and give the reason.

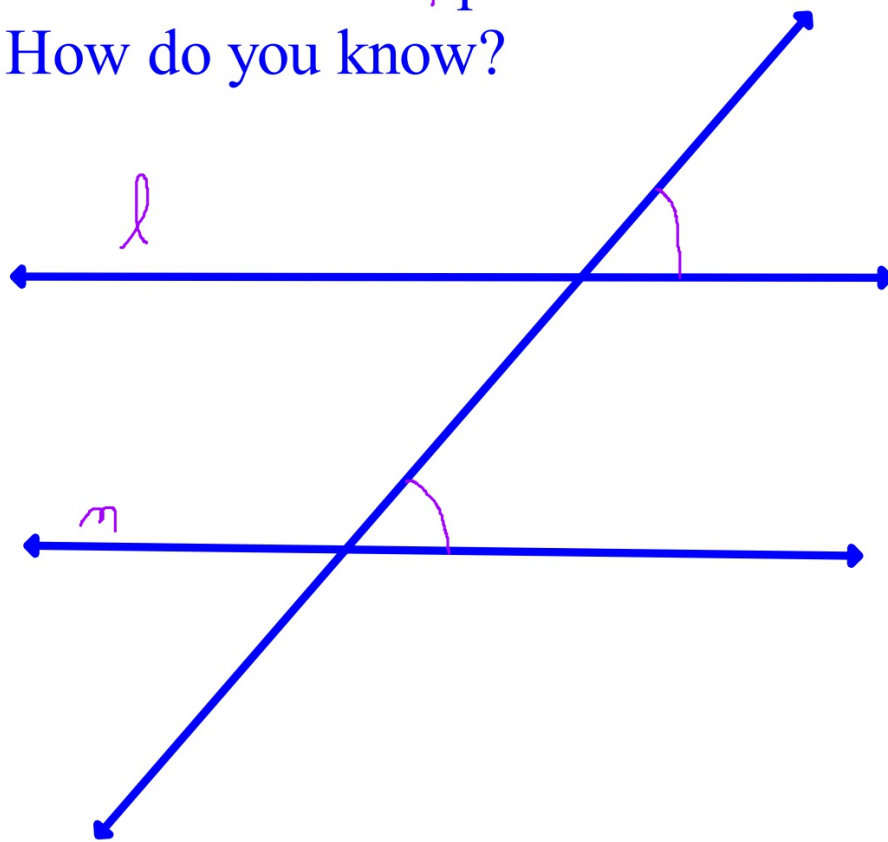


Warm-up:
 Find each angle measure and give the reason.

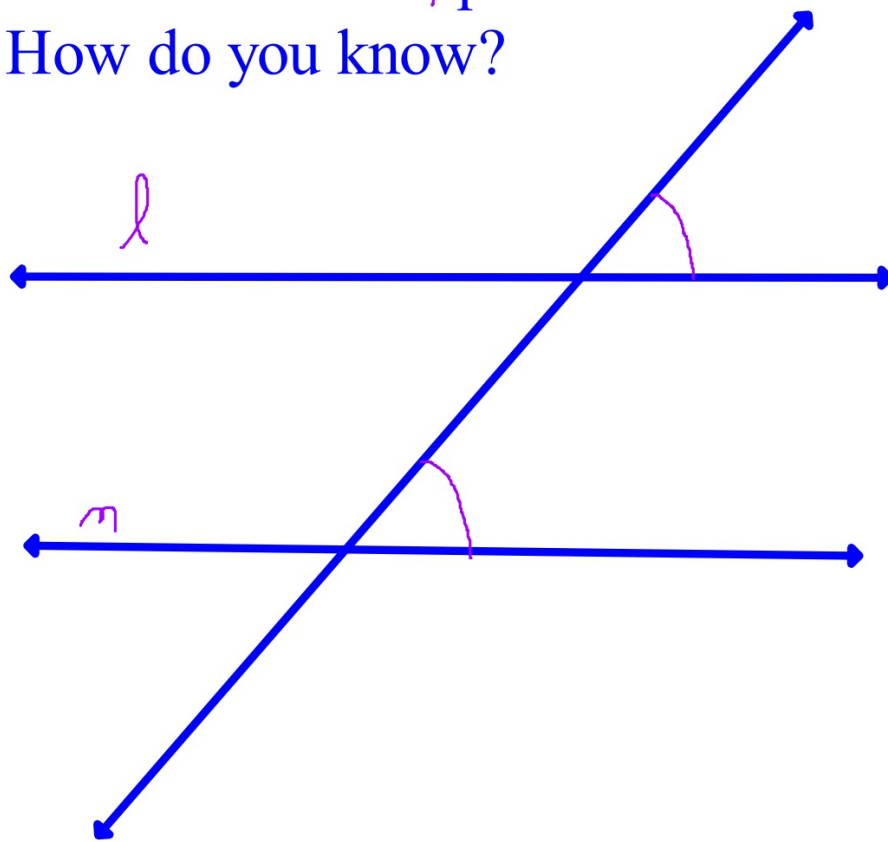


Constructing Parallel Lines

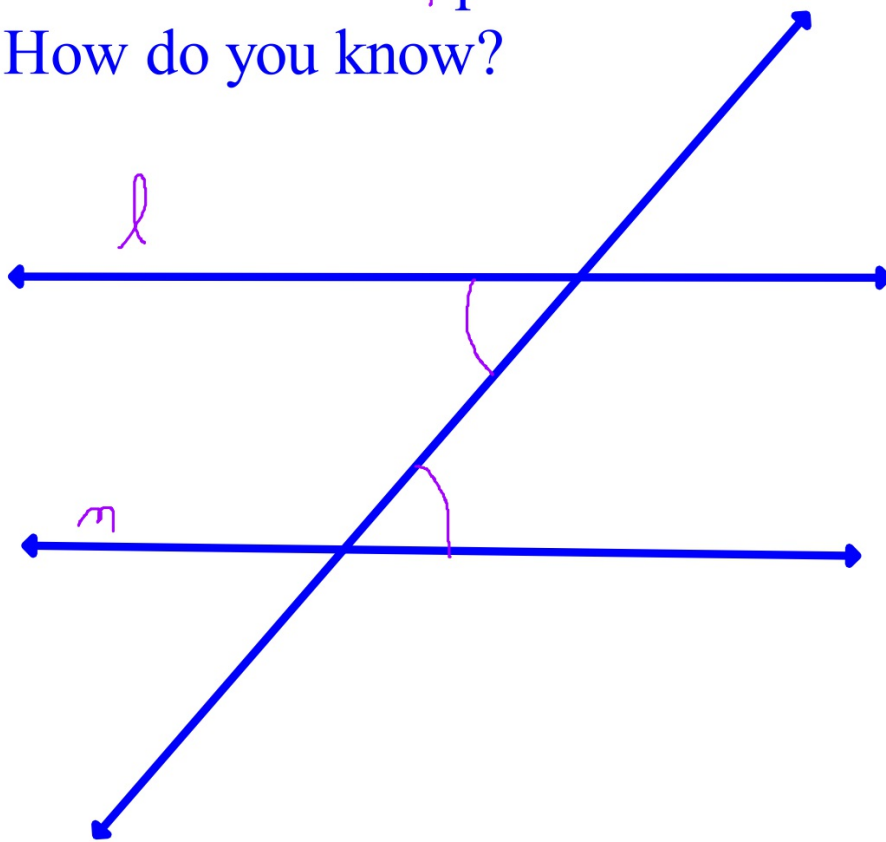
Are lines l and m parallel?
How do you know?



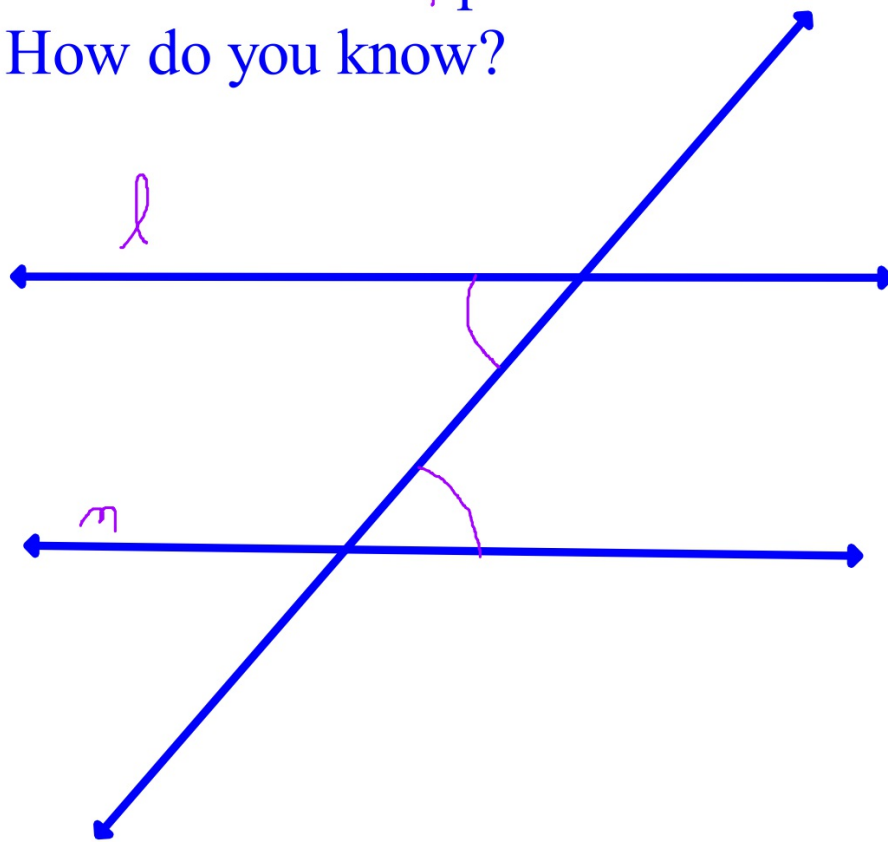
Are lines l and m parallel?
How do you know?



Are lines l and m parallel?
How do you know?



Are lines l and m parallel?
How do you know?



Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

P



J

K

Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

P



J

K

Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

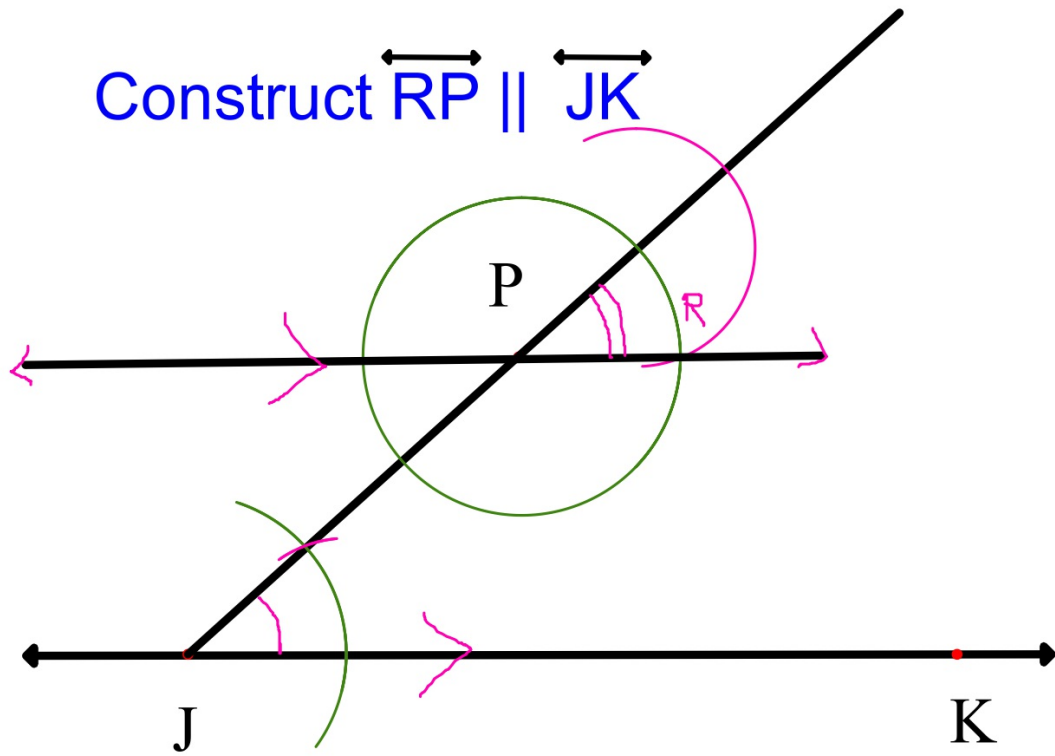
P



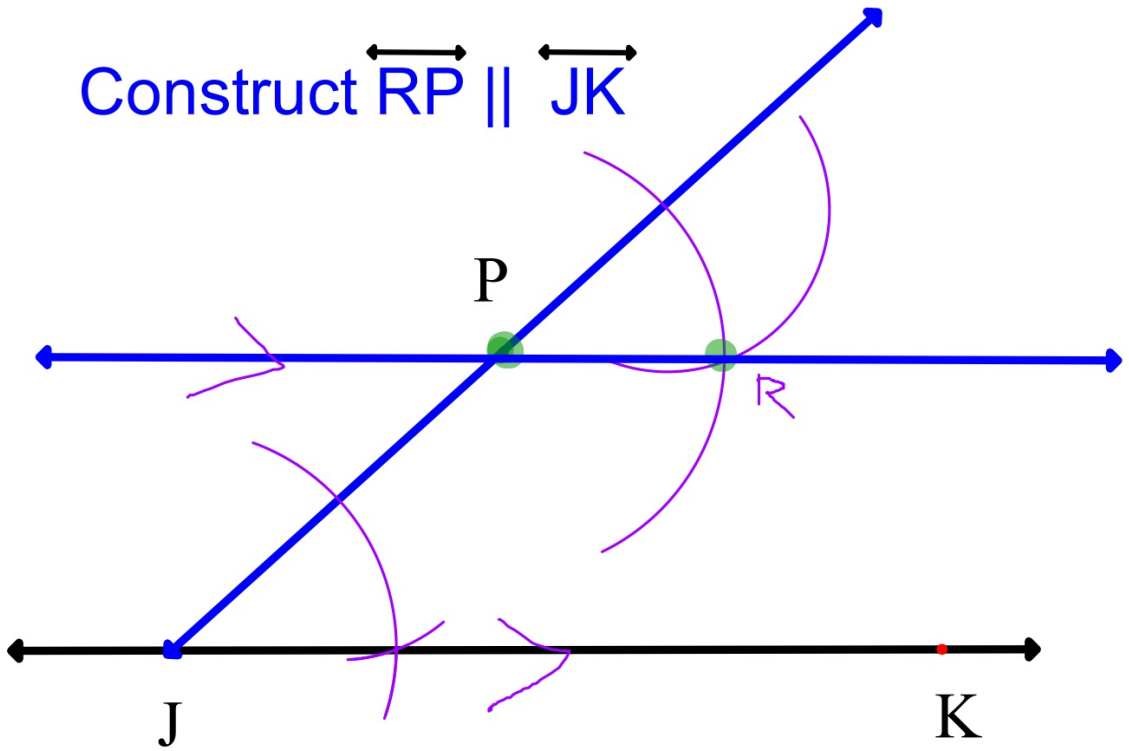
J

K

Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

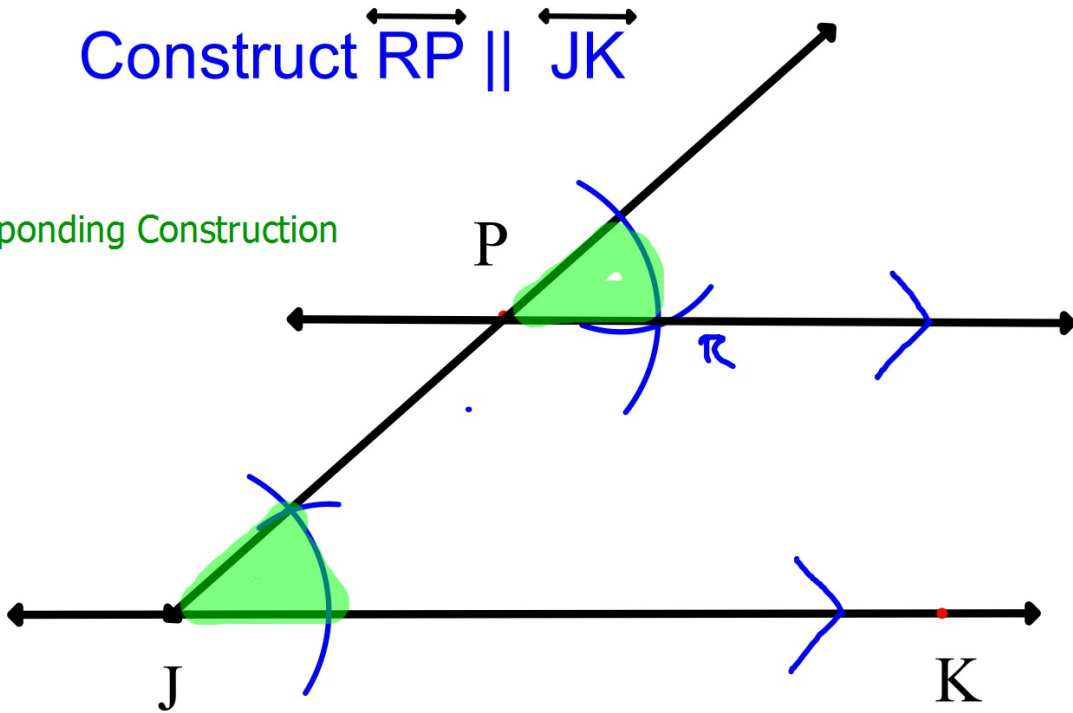


Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

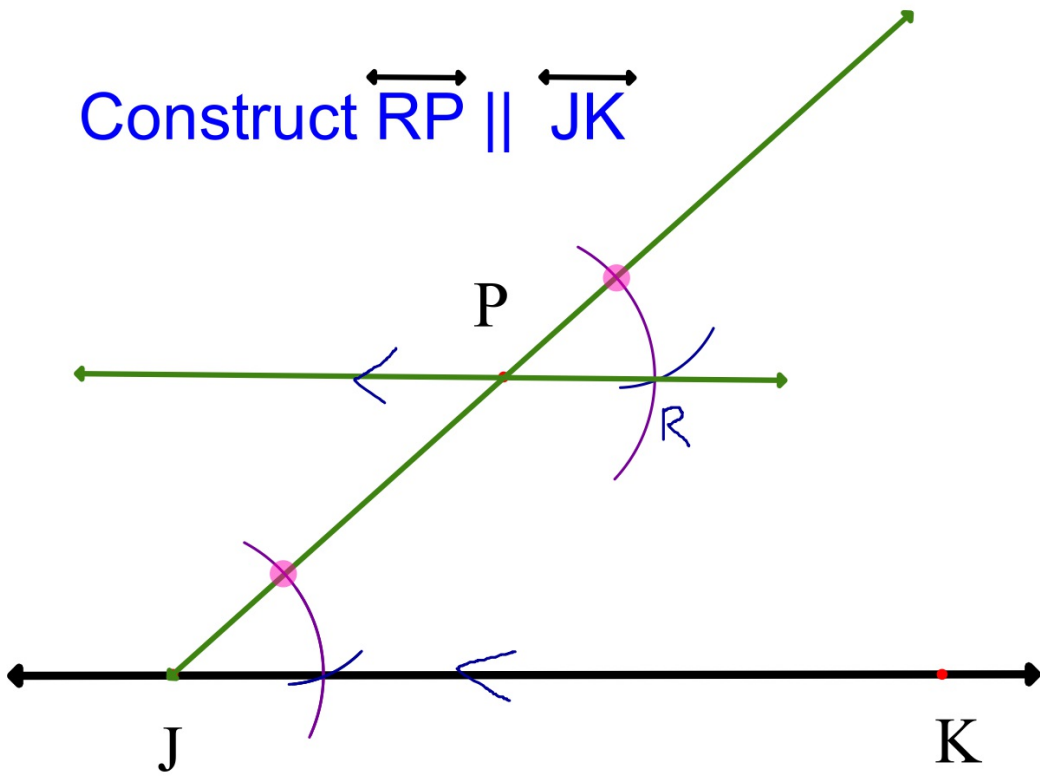


Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

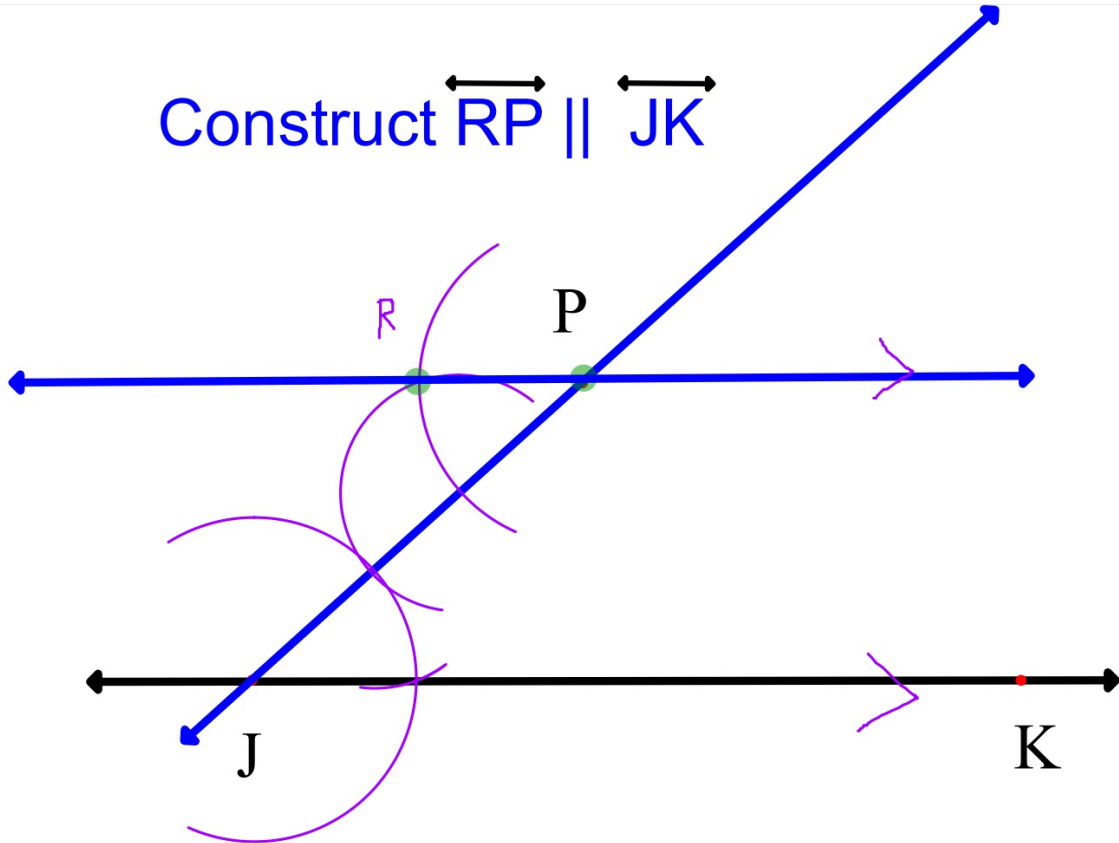
Corresponding Construction



Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

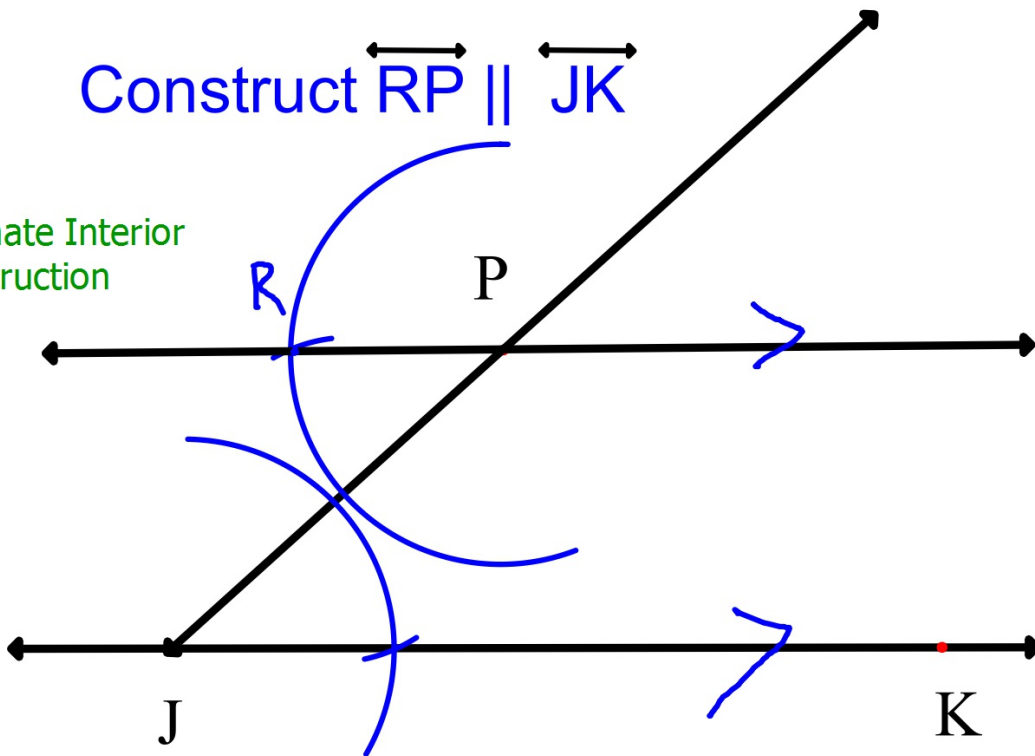


Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$



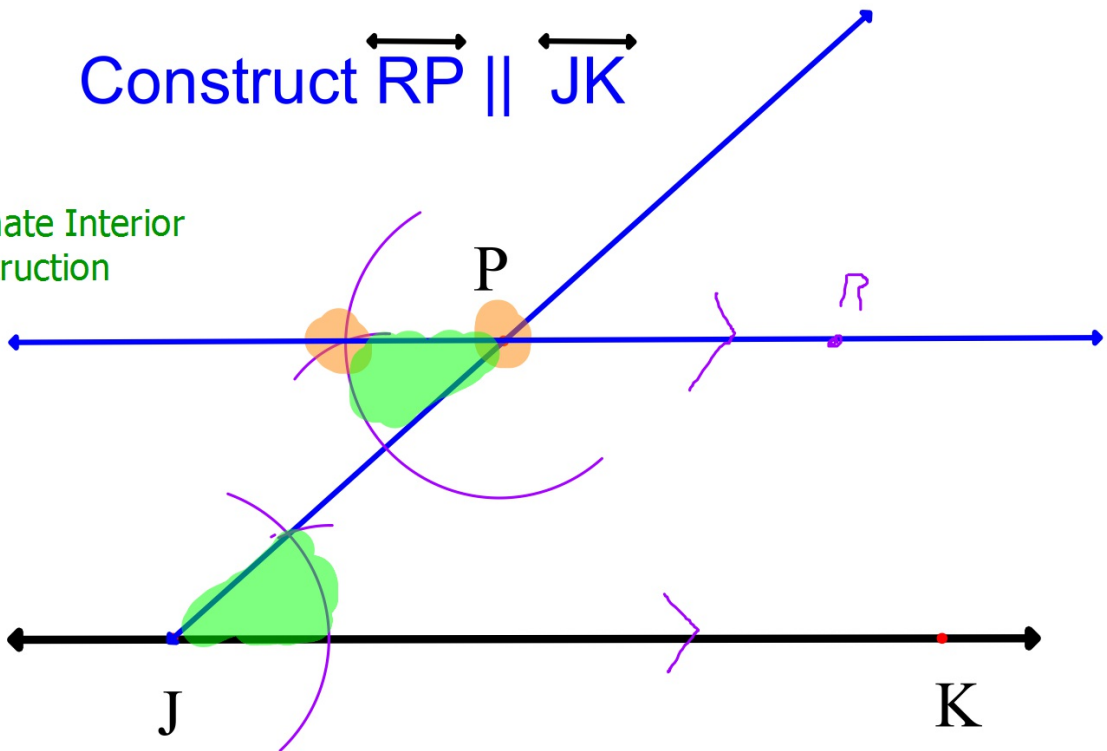
Construct $\overline{RP} \parallel \overline{JK}$

Alternate Interior
Construction



Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

Alternate Interior
Construction



Construct $\overleftrightarrow{RP} \parallel \overleftrightarrow{JK}$

P



J

K

**HW: p. 164 #1-6
(compass only and
straight edge)**

Quiz

