

9.143: 1-18 (a) 19-29 (b)

①  $\overleftrightarrow{AF}, \overleftrightarrow{FB}, \text{ or } n$

②  $\overleftrightarrow{AE}, \overleftrightarrow{ED}, \text{ or } \overleftrightarrow{AD}$

③ A

④ DC

⑤ A, E, or D

⑥ D, H, or C

⑦  $\overleftrightarrow{AB}, \overleftrightarrow{AF}, \overleftrightarrow{FB}$

⑧  $\overleftrightarrow{M}, \overleftrightarrow{BG}, \overleftrightarrow{GC}$

⑨ true

⑩ false

⑪ true

⑫ false

⑬ false

⑭ true

⑮

⑯

⑰

⑱

⑲  $\overleftrightarrow{EP}$

⑳  $\overleftrightarrow{BK}$

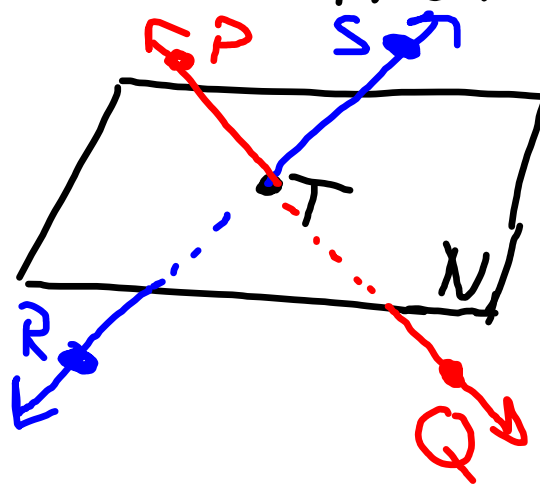
㉑  $\overleftrightarrow{BK}$

㉒ E

㉓ E

㉔  $\emptyset$

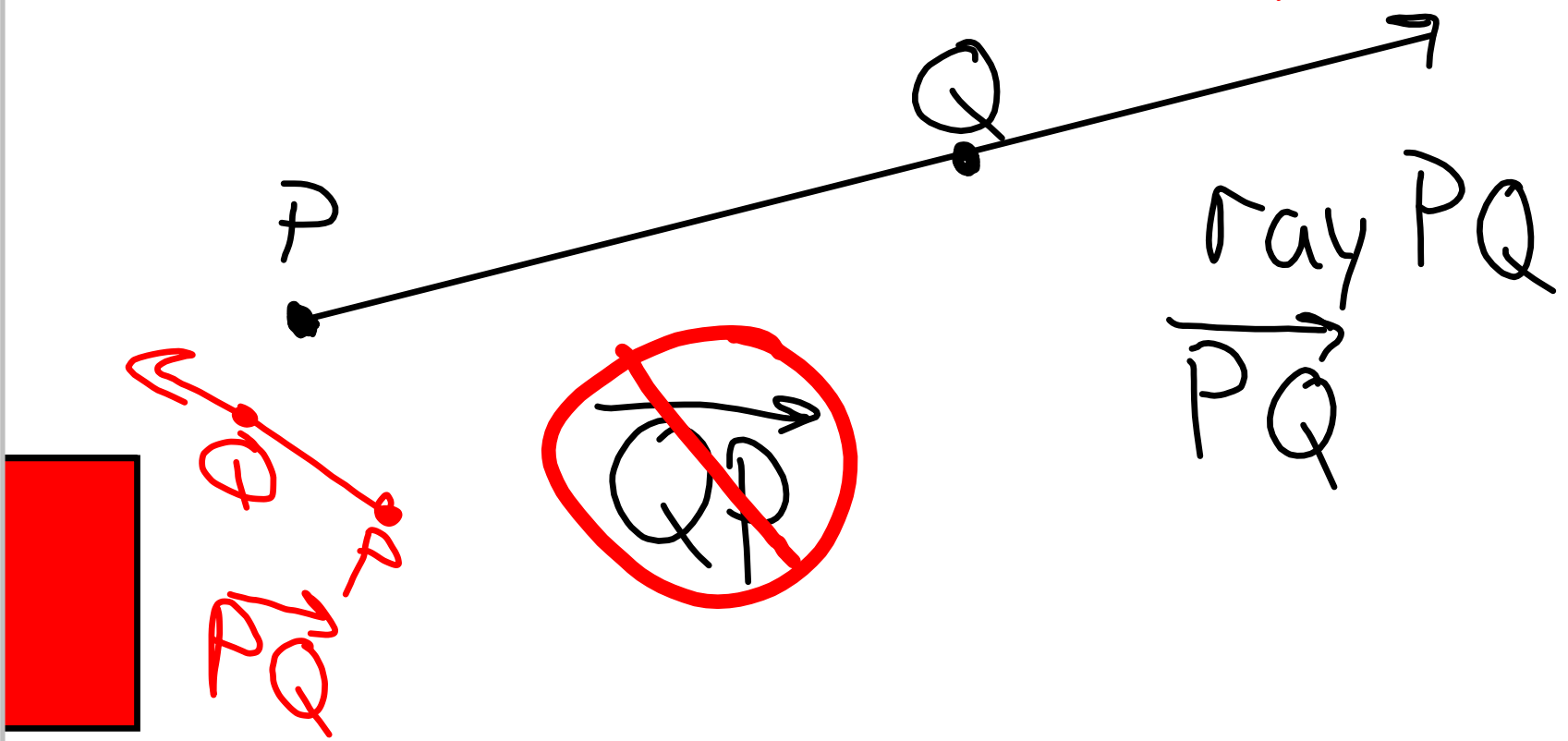
$\overleftrightarrow{PQ}, \overleftrightarrow{RS}, \text{ Plane } N$   
int. at T



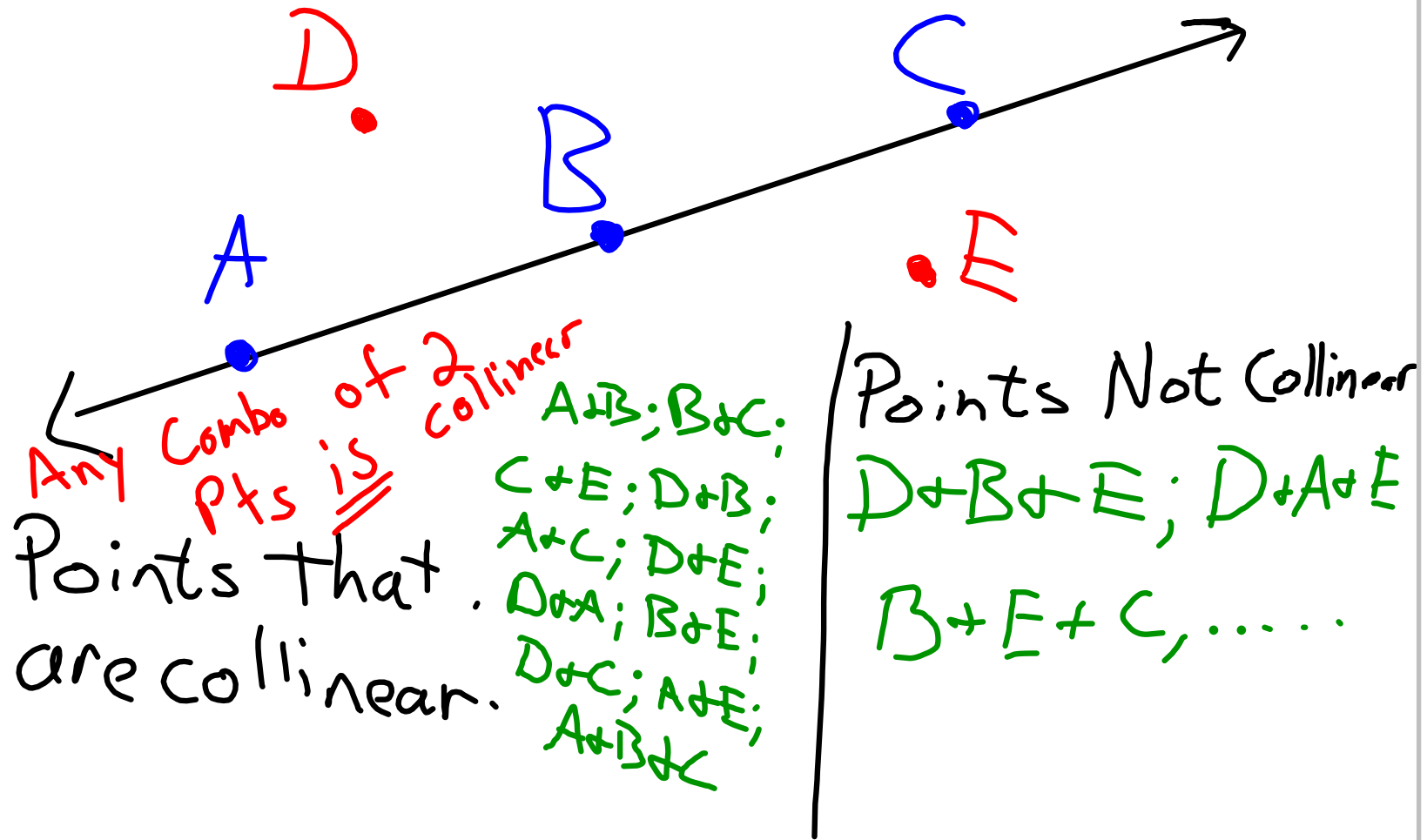
# 5.2 Ray's + Angle

Jan. 22, 2007

Ray: Never-ending straight path  
in one direction. *has one  
EndPoint*



Collinear. 2 or more points that lie on the same line.



Angle: the union of 2 Rays  
that have the same endpoint

Angle ABC

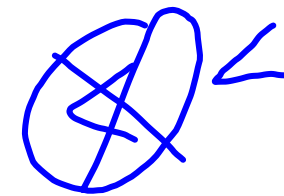
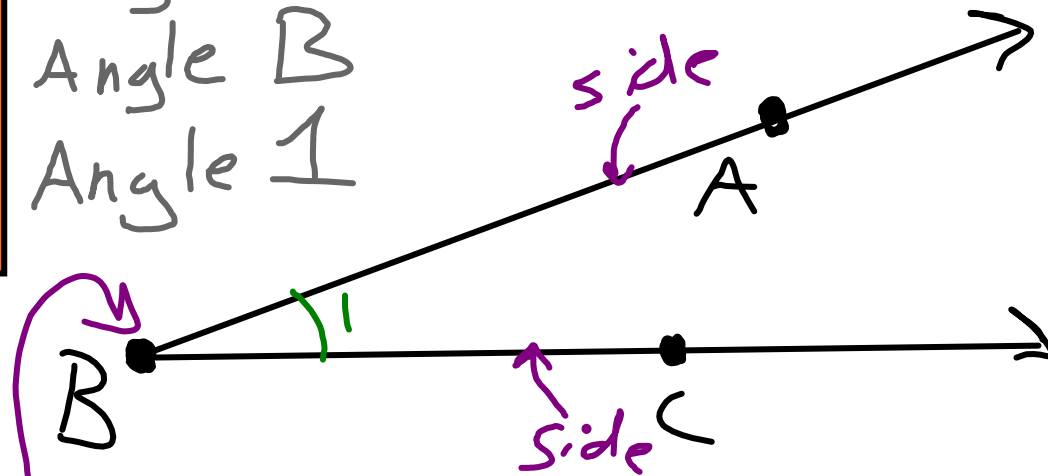
Angle B

Angle 1

$\angle ABC$

$\angle B$

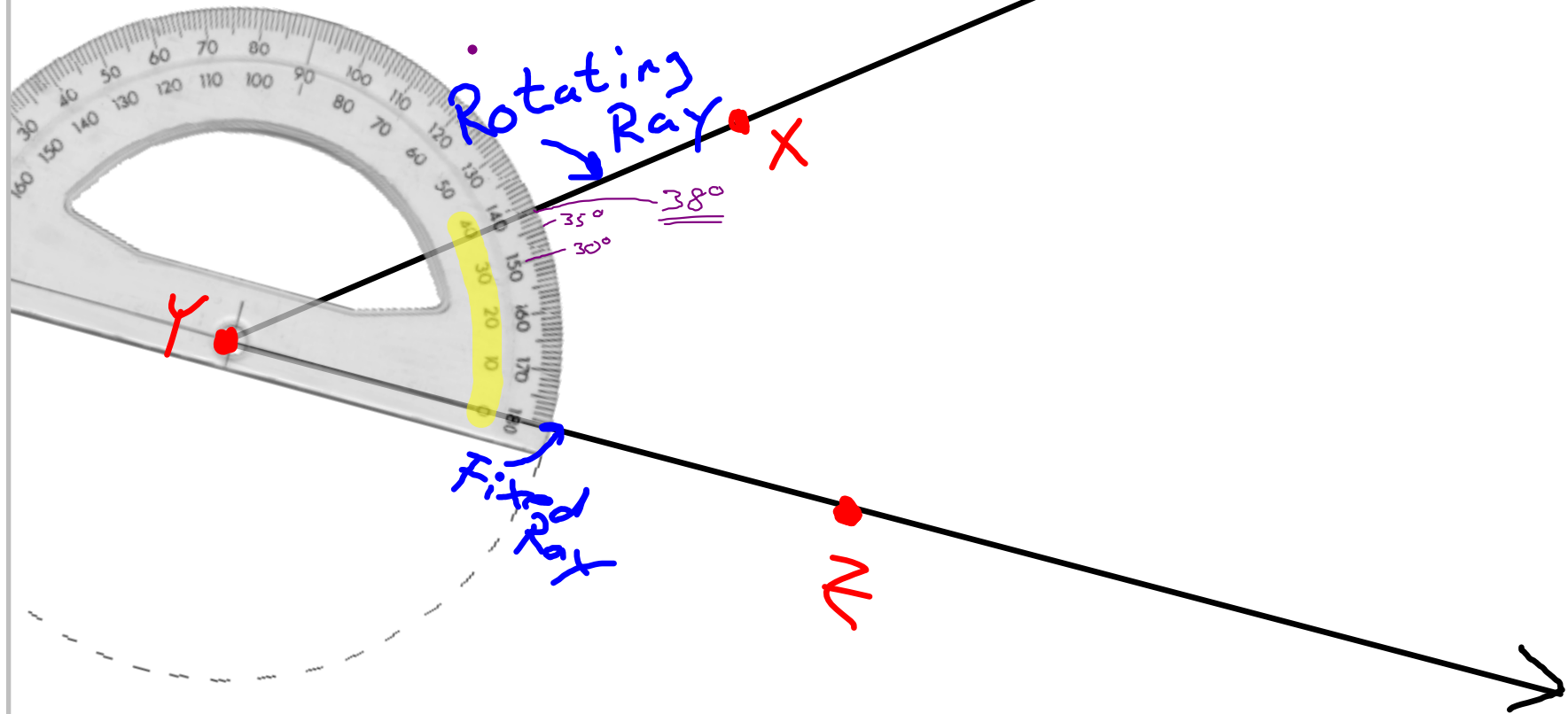
$\angle 1$

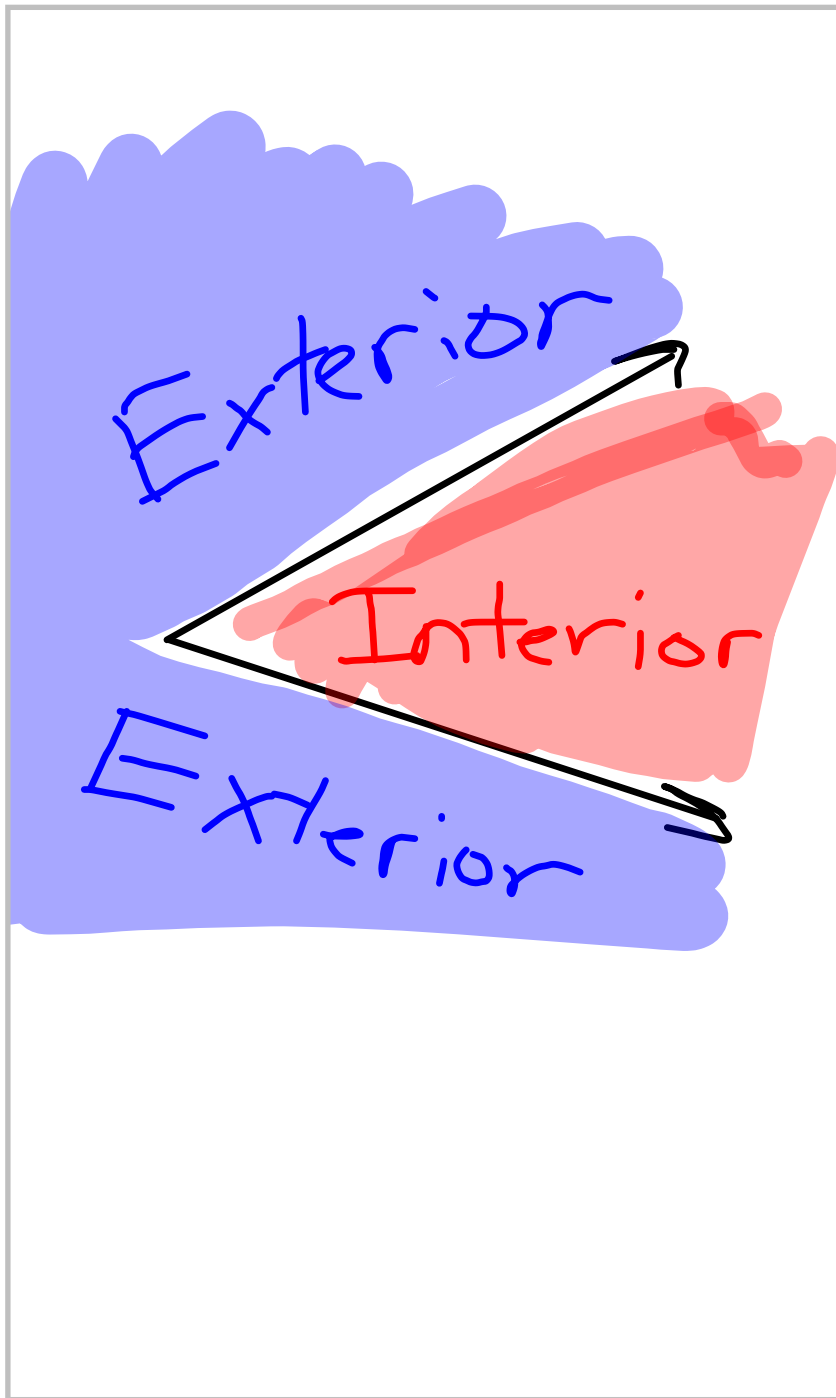


Vertex: the Common endpoint.

Sides: the Rays.

Degrees: unit of Measure for an angle





measure the  
interior Always

Measure in Degrees  
: the unit of measure  
for an angle.  
Symbol is  $^{\circ}$

O.T.L.

① pg 147: Exp.

1, 2, 3, 4, 5, 6, 8, 9, 11, 12,  
13-23(0)