




# Find Best Geometry Math Talk Activities

## [Geometry Math Talk Activities](#)

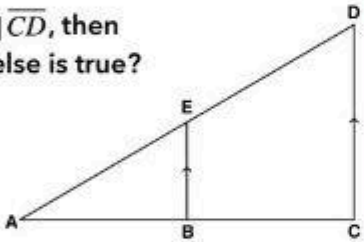
### NUMBER TALKS FOR GEOMETRY

Great Prompts to Promote Mathematical Discussion

created by Jackie Palmquist and Friends



If  $\overline{BE} \parallel \overline{CD}$ , then what else is true?



**Talk Tips**  
Encourage students to name angles in different ways, such as  $\angle DAC \cong \angle EAB$ . For example, "Can anyone restate \_\_\_'s answer using different angle names?"

**Backup/Extension Problems**  
What do you think might be true about  $\triangle ABE$  and  $\triangle ACD$ ?  
If  $m\angle ABE = 90^\circ$ , how can you calculate  $m\angle BED$ ?

**Sample Student Responses:**  
 $\angle AEB \cong \angle ADC$   
 $\angle ABE \cong \angle ACD$   
 $\overline{BE}$  &  $\overline{CD}$  have the same slope  
 $\overline{BE}$  &  $\overline{CD}$  will never intersect  
 $\triangle AEB \sim \triangle ADC$   
Incorrect responses to inspect.  
 $\overline{AB} \perp \overline{BE}$ ,  $\overline{AC} \perp \overline{DC}$ ,  $\overline{AB} \perp \overline{DC}$ ,  $\overline{AB} \cong \overline{BC}$

Notes:

Parallel and Perpendicular

21