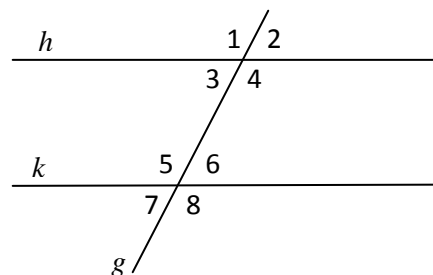


Topic 8: Parallel Lines Cut By A Transversal

Quiz Version Practice

For #1-8, answer with letters A-G

- 1) $\angle 2$ & $\angle 6$ are ____
- 2) $\angle 3$ & $\angle 6$ are ____
- 3) $\angle 7$ & $\angle 6$ are ____
- 4) $\angle 1$ & $\angle 7$ are ____
- 5) $\angle 1$ & $\angle 8$ are ____
- 6) $\angle 5$ & $\angle 7$ are ____
- 7) $\angle 5$ & $\angle 7$ are ____
- 8) $\angle 4$ & $\angle 6$ are ____



- A) Vertical Angles
- B) Corresponding Angles
- C) A Linear Pair
- D) Alternate Interior Angles
- E) Alternate External Angles
- F) Same Side Interior Angles
- G) Same Side Exterior Angles

For #9-15, answer with letters A-D

- A) Add to 180 degrees, but only when parallel lines are cut by a transversal.
 - B) Always add to 180 degrees.
 - C) Are congruent and thus equal in measure, but only when parallel lines are cut by a transversal.
 - D) Are always congruent and thus equal in measure.
- 9) Vertical Angles ____
 - 10) Corresponding Angles ____
 - 11) A Linear Pair ____
 - 12) Alternate Interior Angles ____
 - 13) Alternate External Angles ____
 - 14) Same Side Interior Angles ____
 - 15) Same Side Exterior Angles ____

16) $\angle 2 = 2x+30$ & $\angle 5 = 3x+20$

17) $\angle 2 = 2x+30$ & $\angle 6 = 3x+20$

18) $\angle 1 = x+100$ & $\angle 8 = 3x+20$

