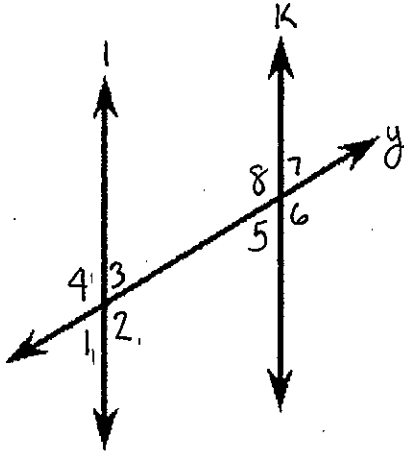


Do Now

Use the diagram for questions 1-3.

Lines k and l are parallel, and line y is a transversal.



1. Which pair of angles are corresponding angles?

↓  
Same position

- A.  $\angle 1$  and  $\angle 2$
- B.  $\angle 2$  and  $\angle 5$
- C.  $\angle 1$  and  $\angle 3$
- D.  $\angle 3$  and  $\angle 7$

2. Which pair of angles are alternate interior angles?

↙ ↘  
opposite side      inside

- A.  $\angle 2$  and  $\angle 3$
- B.  $\angle 2$  and  $\angle 8$
- C.  $\angle 3$  and  $\angle 8$
- D.  $\angle 4$  and  $\angle 8$

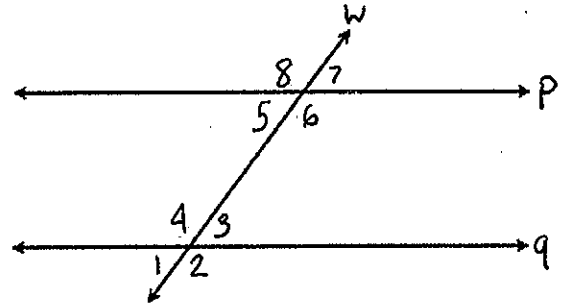
3. Which pair of angles are alternate exterior angles?

↖ ↘  
opposite side      outside

- A.  $\angle 1$  and  $\angle 4$
- B.  $\angle 1$  and  $\angle 6$
- C.  $\angle 4$  and  $\angle 6$
- D.  $\angle 5$  and  $\angle 7$

Use the diagram for questions 4-6.

Lines p and q are parallel, and line w is a transversal.



4. Which angle is congruent to  $\angle 6$ ?

↓  
equal

- A.  $\angle 1$
- B.  $\angle 2$
- C.  $\angle 5$
- D.  $\angle 7$

5. Which angle is not congruent to  $\angle 1$ ?

↓  
not equal

- A.  $\angle 3$
- B.  $\angle 5$
- C.  $\angle 7$
- D.  $\angle 8$

6. If  $\angle 2$  measures  $132^\circ$ , what is the measure of  $\angle 7$ ?

$$\begin{array}{r} 180 \\ -132 \\ \hline 48 \end{array}$$

- A.  $42^\circ$
- B.  $48^\circ$
- C.  $58^\circ$
- D.  $132^\circ$