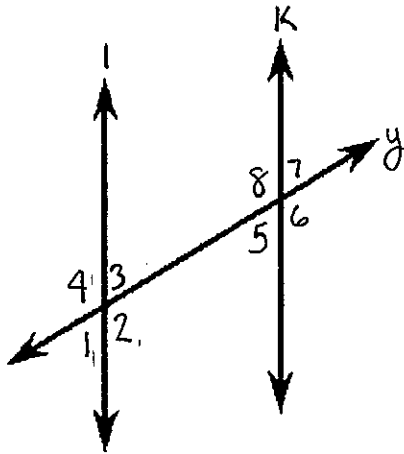


Do Now

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?

- 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?

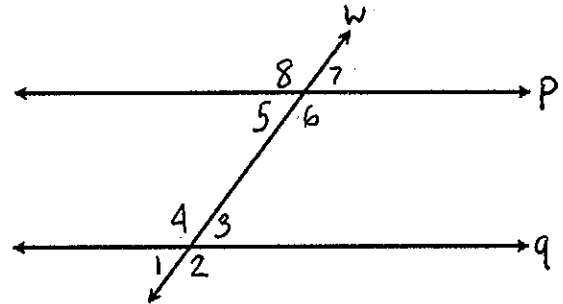
- A. $\angle 2$ and $\angle 3$
- B. $\angle 2$ and $\angle 8$
- C. $\angle 3$ and $\angle 8$
- D. $\angle 4$ and $\angle 8$

3. Which pair of angles are alternate exterior angles?

- 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 $\angle 6$?

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

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

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

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

- A. 42°
- B. 48°
- C. 58°
- D. 132°