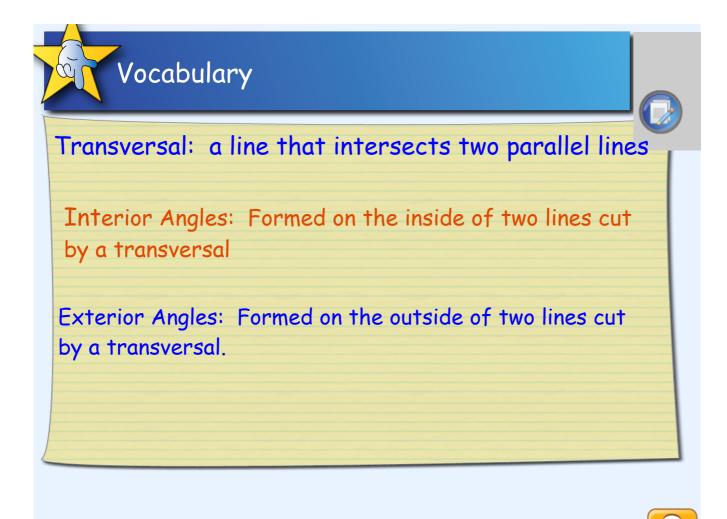
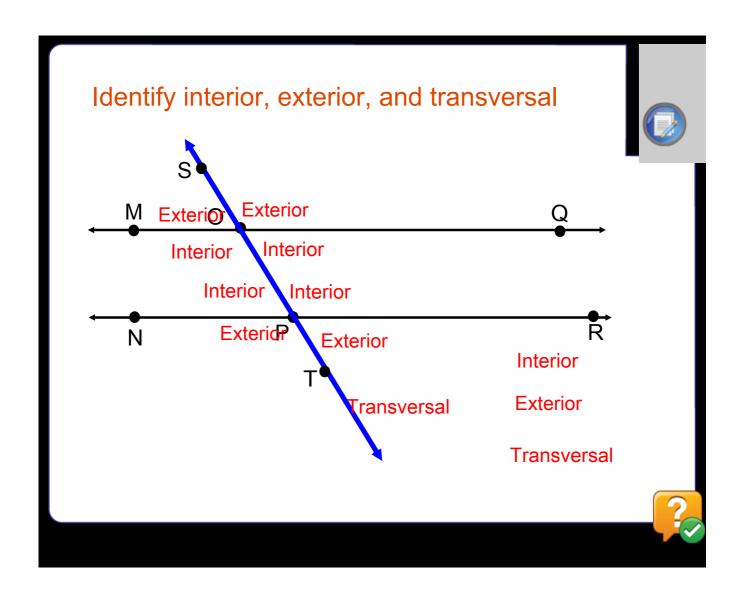
Objective:

I can identify parallel lines, skew lines, transversals, alternate interior angles, alternate exterior angles, corresponding angles and consecutive interior angles. Parallel Lines- Two lines in the same plane that do not intersect.

Skew Lines - Two lines **not** in the same plane that do not intersect.







1 Which of the following statements is false?

- A A transversal is a line.
- B A transversal must intersect at least two lines.
- The lines the transversal intersects must be parallel to each other.
- The lines a transversal intersects can be perpendicular to each other.



Vocabulary



Alternate interior angles: interior angles on opposite sides of the transversal-not adjacent

Consecutive Interior angles: interior angles on same side of the transversal.

Alternate exterior angles: exterior angles on opposite sides of the transversal-not adjacent

Corresponding Angles: One interior and one exterior angle formed on the same side of the transversal

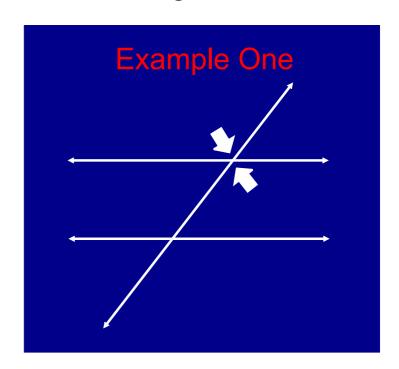


More with Vertical Angles

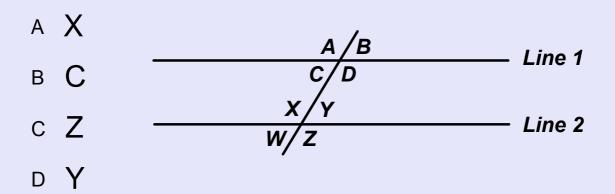
Example Two

Example Three

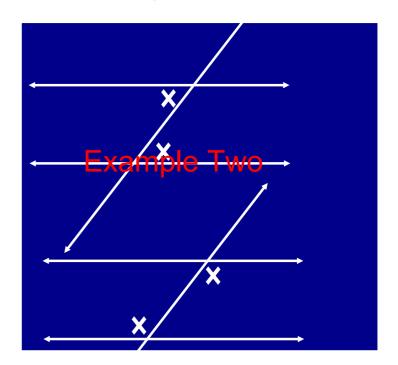
Example Four

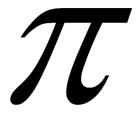


2 Form a pair of vertical angles using W. Which angle completes the pair?

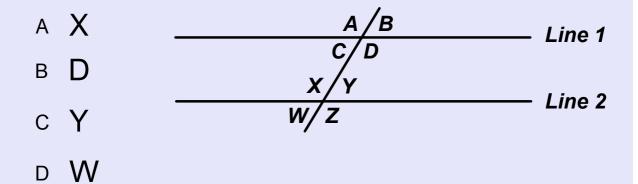


More with Alternate to the Angles

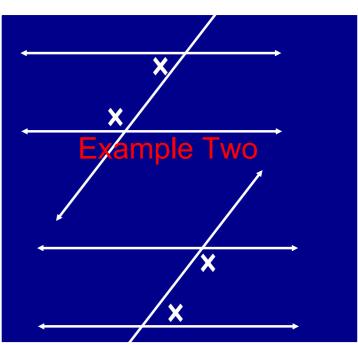




3 Which angle forms a pair of alternate interiors with <C?

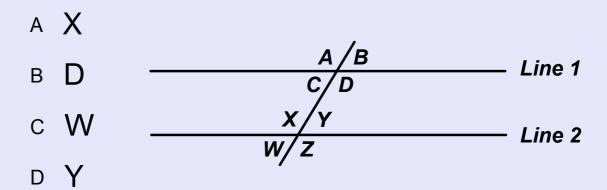


More with Same Side (Consecutive Interior)
Angles

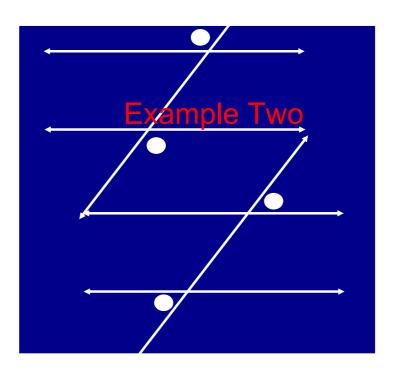


 π

4 Which angle forms a pair of consecutive interior angles with <C?

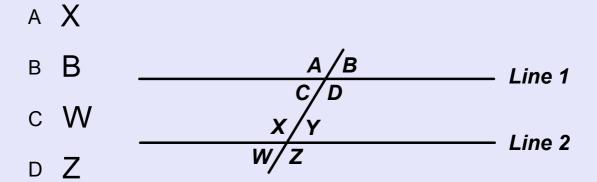


More with Alternate Example One Exterior Angles





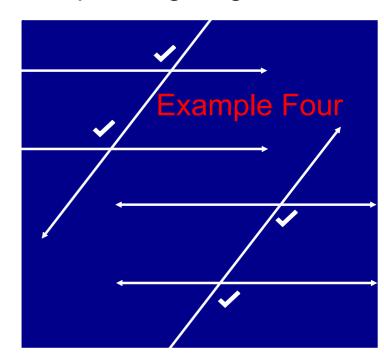
5 Which angle forms a pair of Alternate Exterior Angles with <A?



More with Corresponding Angles

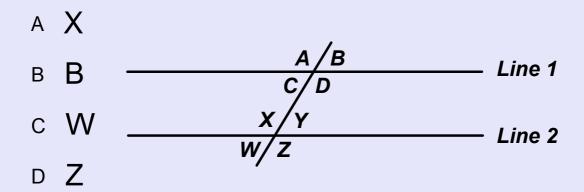
Example Two

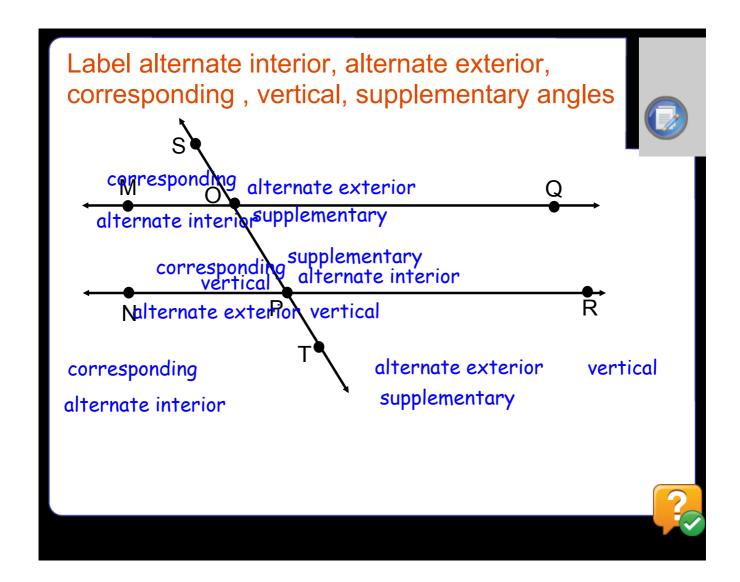
Example Three



 π

6 Which angle forms a pair of corresponding angles with <A?





Section 3.1 (Special angles formed by parallel lines cut by a transversal. Set petronolicer 19, 2011