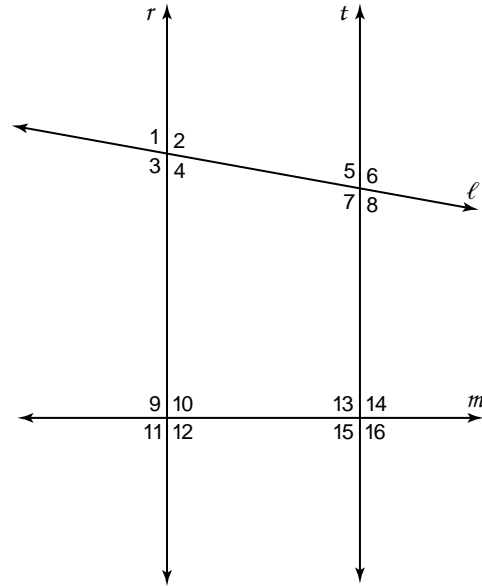


Practice

Parallel Lines and Transversals

State the transversal that forms each pair of angles. Then identify the special name for the angle pair.

- $\angle 1$ and $\angle 12$
- $\angle 2$ and $\angle 10$
- $\angle 4$ and $\angle 9$
- $\angle 6$ and $\angle 3$
- $\angle 14$ and $\angle 10$
- $\angle 7$ and $\angle 13$



The three-dimensional figure shown at the right is called a right pentagonal prism.

- Identify all segments joining points marked in plane JIH that appear to be skew to \overline{EB} .
- Which segments seem parallel to \overline{BG} ?
- Which segments seem parallel to \overline{GH} ?
- Identify all planes that appear parallel to plane FGH .
- Draw a Diagram** At a town's bicentennial celebration, men dressed up as settlers and tipped their hats whenever they met another man. At a town meeting, ten men were present. How many times were pairs of hats tipped as two men met for the first time?

