1) \( \overrightarrow{EF} \) and \( \overrightarrow{AB} \) are
   a) parallel  b) perpendicular  c) intersecting

2) Is \( \overrightarrow{PQ} \) perpendicular to \( \overrightarrow{CD} \)? Justify.

   

3) \( \overrightarrow{CD} \) and \( \overrightarrow{MN} \) are intersecting lines. Write True or False.

   

4) How many lines are parallel to \( \overrightarrow{CD} \)?

   

5) Name any three pairs of intersecting lines.

   

Printable Math Worksheets @ www.mathworksheets4kids.com
Parallel, Perpendicular and Intersecting Lines

1) \( \overrightarrow{EF} \) and \( \overrightarrow{AB} \) are
   a) parallel  
   b) perpendicular  
   c) intersecting

2) Is \( \overrightarrow{PQ} \) perpendicular to \( \overrightarrow{CD} \)? Justify.
   Yes. \( \overrightarrow{PQ} \) and \( \overrightarrow{CD} \) intersect and form a right angle.

3) \( \overrightarrow{CD} \) and \( \overrightarrow{MN} \) are intersecting lines. Write True or False.
   True

4) How many lines are parallel to \( \overrightarrow{CD} \)?
   Two lines

5) Name any three pairs of intersecting lines.
   \( \overrightarrow{AB} \) and \( \overrightarrow{MN} \), \( \overrightarrow{CD} \) and \( \overrightarrow{KL} \), \( \overrightarrow{EF} \) and \( \overrightarrow{MN} \)