

Study the following.

parallel lines (**pa**-ruh-lel) - two lines that run in the same direction and would never cross.

perpendicular lines (pur-puhn-**dik**-yuh-lur) – lines or line segments that meet or cross to form right angles (90°angles).

\perp - the symbol for perpendicular lines. It means “is perpendicular to”.
(Line NM \perp Line OP means line NM is perpendicular to line OP.)

\parallel - the symbol for parallel lines. It means “is parallel to”. (Line NM \parallel Line OP means line NM is parallel to line OP.)

Say each word out loud and write it in the blank.

parallel _____
perpendicular _____

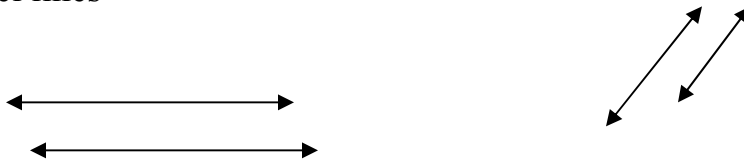
Write each definition in your own words.

parallel lines

perpendicular lines

Study the following examples.

parallel lines



perpendicular lines



Write two sentences using each word.

Parallel lines

1.

2.

perpendicular lines

1.

2.

Draw 2 examples of each.

parallel lines

perpendicular lines

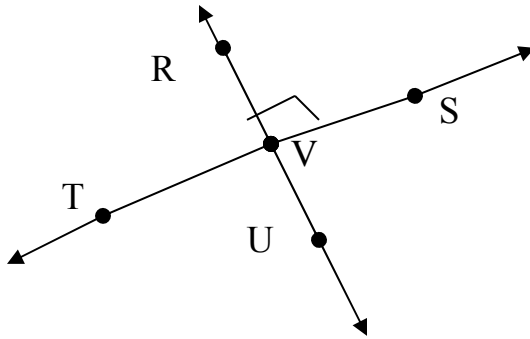
Fill in the blanks.

$\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$ means in words _____

$\overleftrightarrow{GH} \parallel \overleftrightarrow{IJ}$ means in words _____

Study the following and fill in the blank.

When two lines cross to form one right angle, all 4 angles are 90° each.



Name all the right angles (90°). _____
