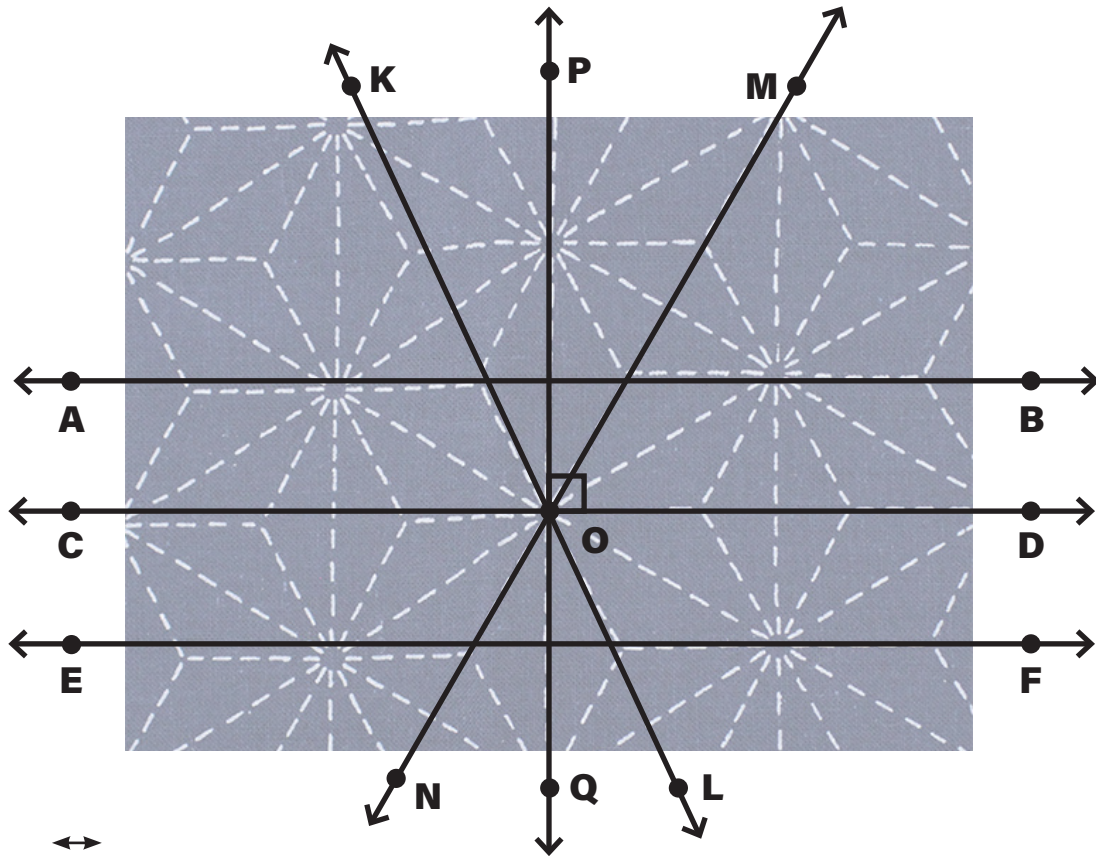


Sashiko Mathematics

Parallel, Perpendicular and Intersecting Lines

Read the figure and answer the questions.



1) \overleftrightarrow{EF} and \overleftrightarrow{AB} are

a) parallel

b) perpendicular

c) intersecting

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

3) CD and MN are intersecting lines. True or False?

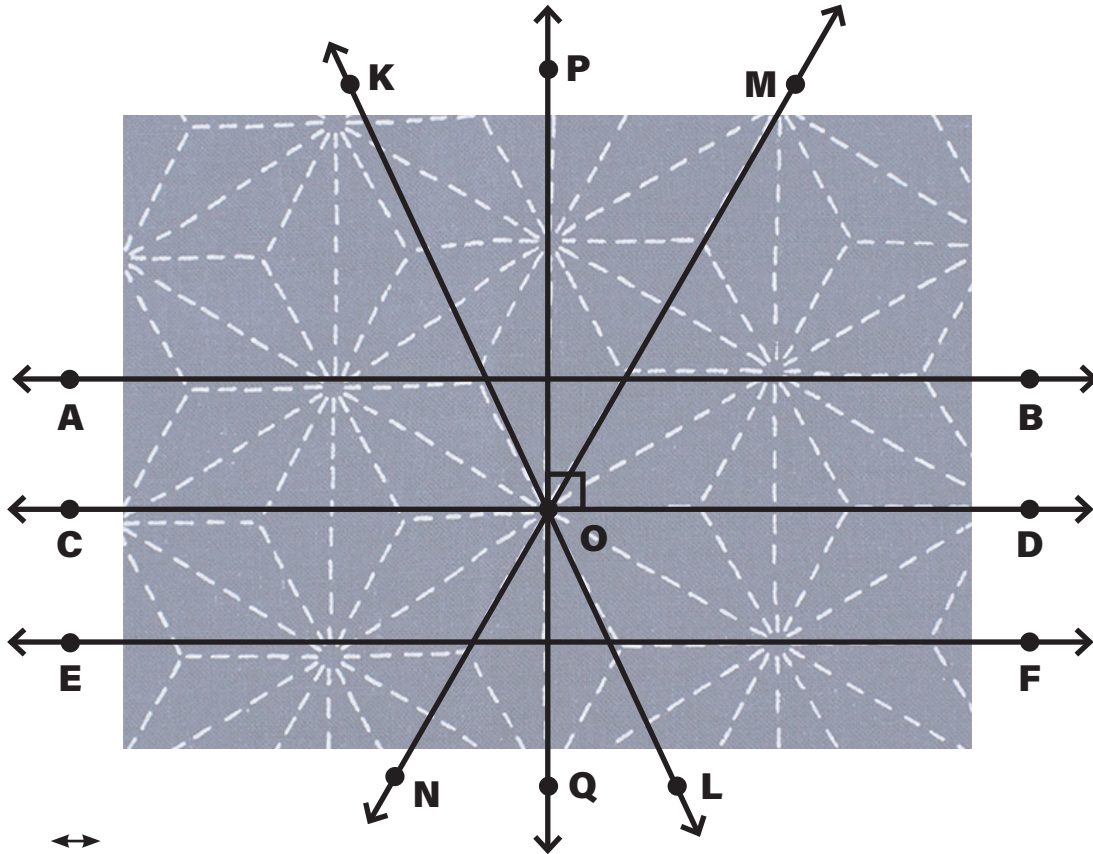
4) How many lines are parallel to \overleftrightarrow{CD} ?

5) Name any three pairs of intersecting lines.

Sashiko Mathematics

Parallel, Perpendicular and Intersecting Lines

Read the figure and answer the questions.



1) \overleftrightarrow{EF} and \overleftrightarrow{AB} are

a) parallel

b) perpendicular

c) intersecting

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

Yes. \overleftrightarrow{PQ} and \overleftrightarrow{CD} intersect and form a right angle.

3) \overleftrightarrow{CD} and \overleftrightarrow{MN} are intersecting lines. True or False?

True

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

Two lines

5) Name any three pairs of intersecting lines.

\overleftrightarrow{AB} and \overleftrightarrow{MN} , \overleftrightarrow{CD} and \overleftrightarrow{KL} , \overleftrightarrow{EF} and \overleftrightarrow{MN}