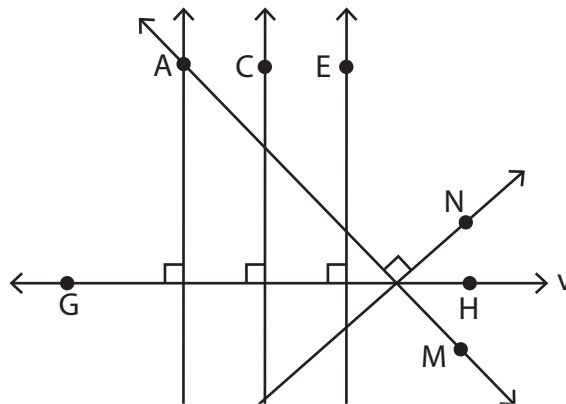


Parallel, Perpendicular and Intersecting Lines

Read the figure and answer the questions.



PREVIEW

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1) Name the lines that are parallel to line v.

2) Name the line that is perpendicular to line v.

3) How many perpendicular lines are there to line v?

4) Is \overleftrightarrow{BN} perpendicular to \overleftrightarrow{AM} ? Justify.

5) \overleftrightarrow{AB} and \overleftrightarrow{GH} are

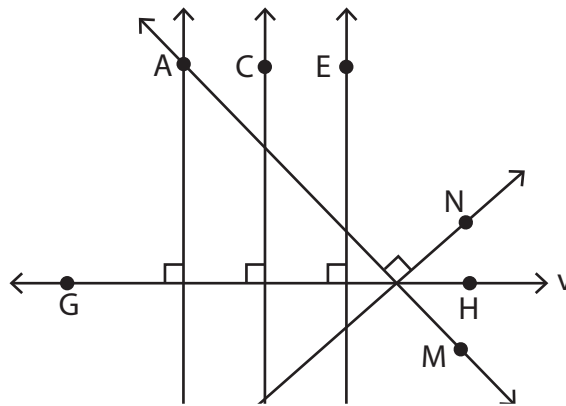
a) perpendicular

b) parallel

c) intersecting

Parallel, Perpendicular and Intersecting Lines

Read the figure and answer the questions.



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1) Name the lines that are parallel.

\overleftrightarrow{BN} , \overleftrightarrow{GH} , \overleftrightarrow{AE}

2) Name the line that is perpendicular to line v.

Line v (or \overleftrightarrow{GH})

3) How many perpendicular lines are there in the figure?

Four

4) Is \overleftrightarrow{BN} perpendicular to \overleftrightarrow{AM} ? Justify.

Yes. \overleftrightarrow{BN} and \overleftrightarrow{AM} intersect and form a right angle.

5) \overleftrightarrow{AB} and \overleftrightarrow{GH} are

a) perpendicular

b) parallel

c) intersecting