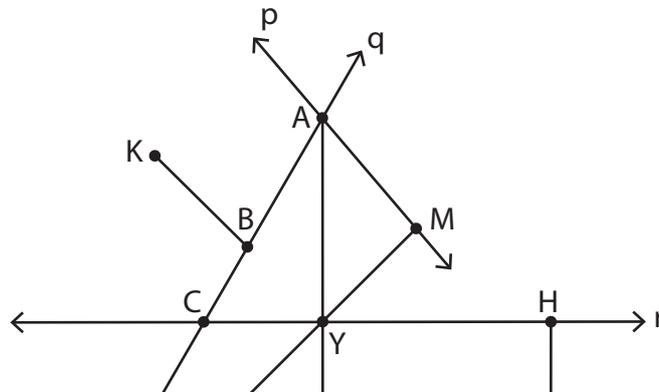


Name : _____

Lines, Rays and Line segments

Level 2: S1

Read the figure and answer the questions.



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1) What is the difference between a line and a ray?

2) Name any two pairs of parallel lines.

3) Name the line that is perpendicular to line r.

4) Name all the line segments in the figure.

5) Name any two rays and mention its end points.

6) Name all the points that lie on the line p and line q.

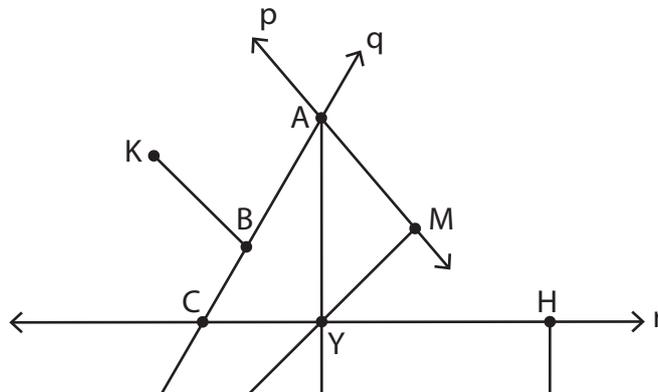
Name : _____

Answer key

Lines, Rays and Line segments

Level 2: S1

Read the figure and answer the questions.



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1) What is the difference between a line and a ray?

A line has no end points, while a ray has one end point.

2) Name any two pairs of parallel lines.

\overleftrightarrow{CA} and \overleftrightarrow{CD} , \overleftrightarrow{YC} and \overleftrightarrow{YH}

3) Name the line that is perpendicular to line r.

Line p or \overleftrightarrow{CH}

4) Name all the line segments in the figure.

\overline{BA} , \overline{BC} , \overline{BD} , and \overline{BK}

5) Name any two rays and mention its end points.

\overrightarrow{HG} , \overrightarrow{YF} . Its end points are H and Y respectively.

6) Name all the points that lie on the line p and line q.

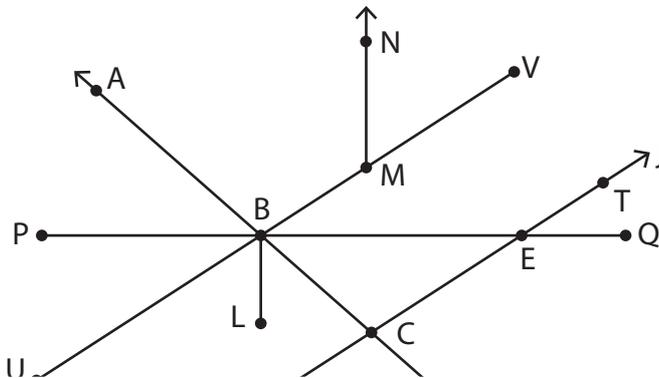
Points A, B, C, D and M

Name : _____

Lines, Rays and Line segments

Level 2: S2

Read the figure and answer the questions.



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1) Name any three lines

2) Name any four rays

3) Give another name

4) What is the difference

5) Name any two pair of opposite rays on the same line?

6) Is BL a line, ray or line segment? Why?

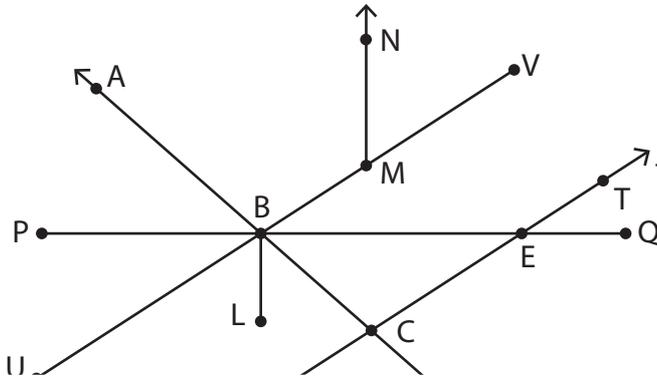
Name : _____

Answer key

Lines, Rays and Line segments

Level 2: S2

Read the figure and answer the questions.



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1) Name any three lines

\overline{PQ} or \overline{QP} ; \overline{BL} or

2) Name any four rays

\overrightarrow{CA} , \overrightarrow{CD} , \overrightarrow{CS} and

3) Give another name

\overleftrightarrow{TS} or \overleftrightarrow{ST} ; Points

4) What is the difference

A ray has one end point and extends in both directions.

on the line.

has no end

5) Name any two pair of opposite rays on the same line?

\overrightarrow{BA} and \overrightarrow{BD} ; \overrightarrow{CA} and \overrightarrow{CD}

6) Is BL a line, ray or line segment? Why?

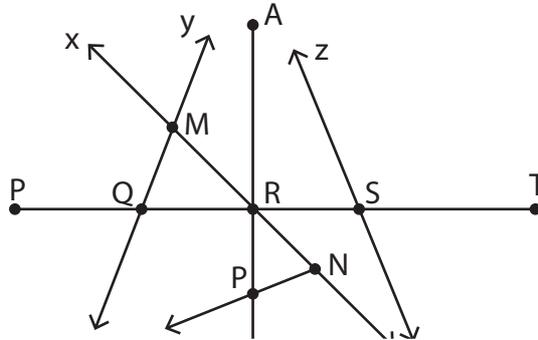
BL is a line segment. Because line segment BL contains two end points B and L

Name : _____

Lines, Rays and Line segments

Level 2: S3

Read the figure and answer the questions.



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1) What is the difference between a line and a ray?

2) Name all the points on the horizontal line.

3) Is NP a ray? If yes, name its endpoint.

4) Name any three rays in the figure.

5) Write any two lines and all the points on these lines.

6) Name a line which has only one point on it.

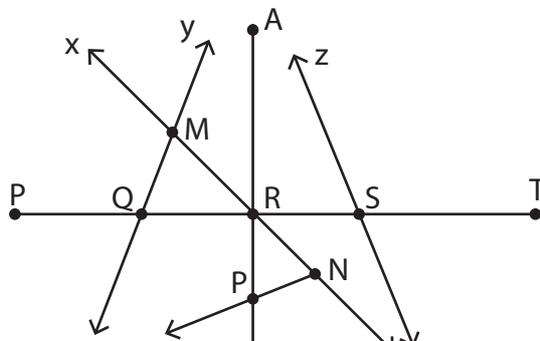
Name : _____

Answer key

Lines, Rays and Line segments

Level 2: S3

Read the figure and answer the questions.



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1) What is the difference between a line segment and a ray?

A line segment has two end points and the other end is open.

2) Name all the points on the line.

P, Q, R, S and T

3) Is NP a ray? If yes, name its end point.

Yes, the end point is N.

4) Name any three rays.

\overrightarrow{RM} , \overrightarrow{RN} and \overrightarrow{MN}

5) Write any two lines and all the points on these lines.

Line x and Line y. Points on these lines are M, R, Q and N.

6) Name a line which has only one point on it.

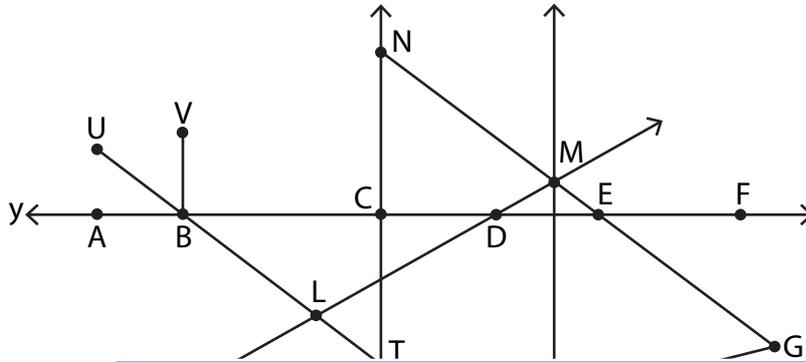
Line z

Name : _____

Lines, Rays and Line segments

Level 2: S5

Read the figure and answer the questions.



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1) Give another name _____ line on the line.

2) What is the difference _____

3) Is CN a line, ray or line segment _____

4) Name any five lines _____ t.

5) Write any two lines and all the points on these lines.

6) Name all the points that lie on the line segment SG.

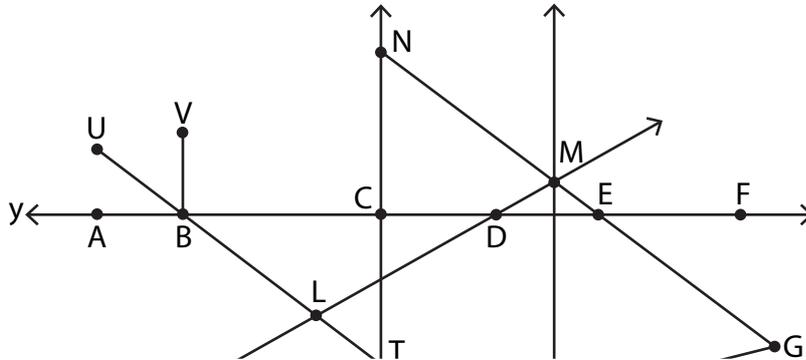
Name : _____

Answer key

Lines, Rays and Line segments

Level 2: S5

Read the figure and answer the questions.



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1) Give another name for line AB . _____

The line x ; Point C

2) What is the difference between a line and a ray? _____

A line segment has two endpoints.

3) Is CN a line, ray or line segment? _____

\overrightarrow{CN} is a ray. Because it starts at C and goes in one direction.

4) Name any five line segments in the figure. _____

\overline{QS} , \overline{QR} , \overline{QP} , \overline{QG} and \overline{QT}

5) Write any two lines and all the points on these lines. _____

Line x and Line y . Points on these lines are A, B, C, D, E, F, L and M .

6) Name all the points that lie on the line segment SG . _____

Points P, Q, R, S and G