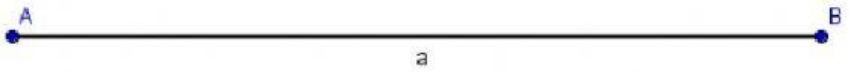
Worksheet: Line segment bisector

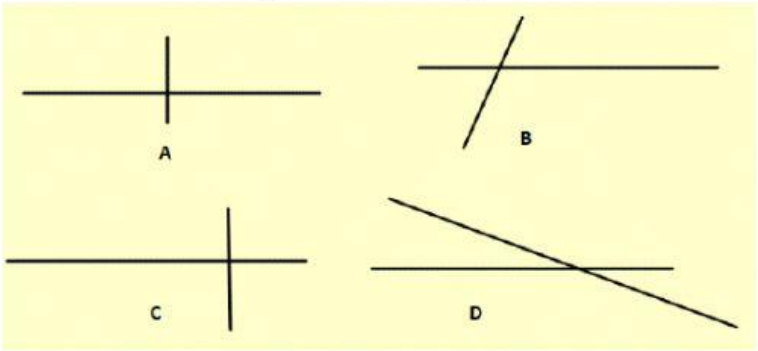
Name: _____

1. Identify the given image?



a) Line
b) Bisector
c) Ray
d) Line segment

2. Which of the following shows a line segment bisector?



3. A line bisector divides a line segment into ____

a) Three equal parts
b) Two equal parts
c) Zero parts
d) Many parts

4. A line segment has____end point.

a) One
b) Two
c) Three
d) No end points

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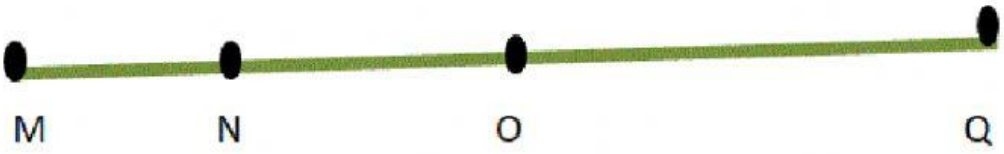
5. A_____bisector meets or crosses a line segment at its centre point at a right angle or 90^0 angle.

a) Line
b) Perpendicular
c) Angle
d) Mid-point

6. *Line segment AC is 24*cm long. Point B is the midpoint of *AC*. What is the length of *BC*?

a) 48cm
b) 24cm
c) 12cm
d) 6cm

7. Where would be the centre mark/point if you have to draw a line segment bisector?



a) M
b) N
c) O
d) Q

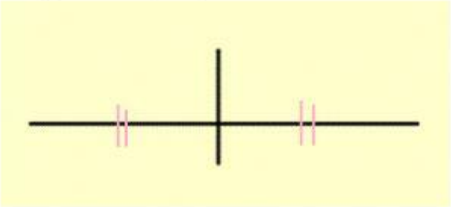
8. Mr. Tshering measured *line segment J to K as 6cm long*. If midpoint is K,then what is the length of *KL*?



a) 3cm
b) 6cm
c) 9cm
d) 12cm

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9. Why is this perpendicular bisector?



a) It is perpendicular bisector because the bisector is not divided into two equal parts.

b) It is perpendicular bisector because it is bisected by a line.

c) It is perpendicular bisector because the line is divided into two equal parts.

d) It is perpendicular bisector because the line is divided into two equal parts at a 90^0 angle.

10. If a line segment is 18 cm and in between there is a line segment bisector, what would the lengths of the two smaller line segments be?

a) 8cm

b) 9cm

c) 18cm

d) 36cm

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