

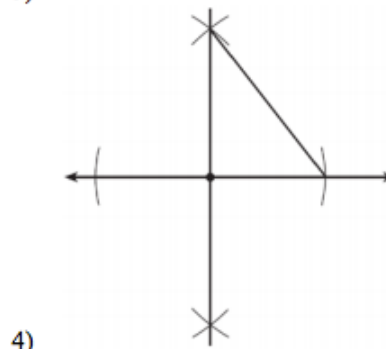
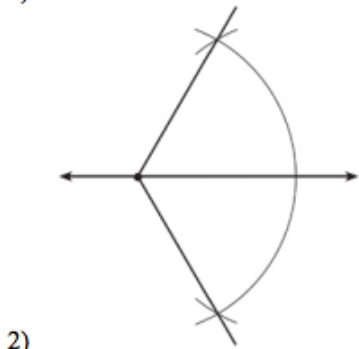
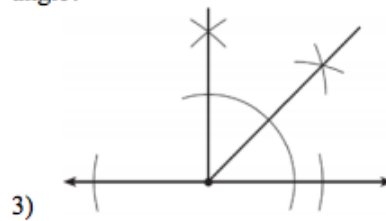
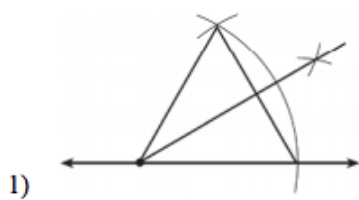
Geometry CC – Mr. Valentino
Constructions – HW and some other fun things.

Here is a list of the constructions that we have completed thus far:

- Copying a line segment
- An equilateral triangle
- Bisecting a line segment
- Copying an angle
- Angle bisector
- Parallel lines from a point off a line
- Perpendicular from a point on a line
- Perpendicular from a point off a line
- Hexagon
- Square
- Triangle
- Different ANGLE measures (15, 30, 45, 60, 90)

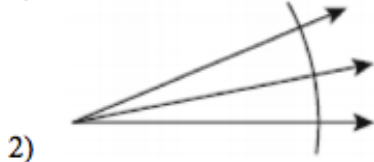
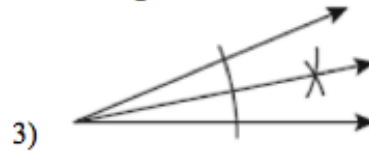
1.

Which diagram shows the construction of a 45° angle?



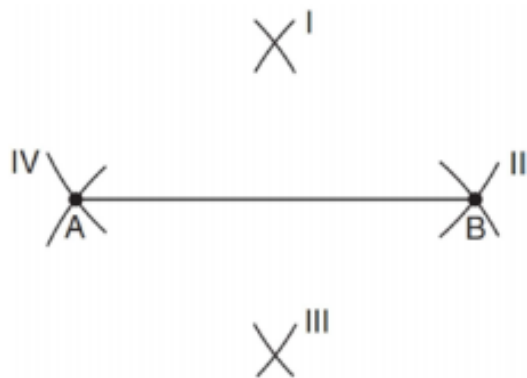
2.

Which illustration shows the correct construction of an angle bisector?



3.

Line segment AB is shown in the diagram below.

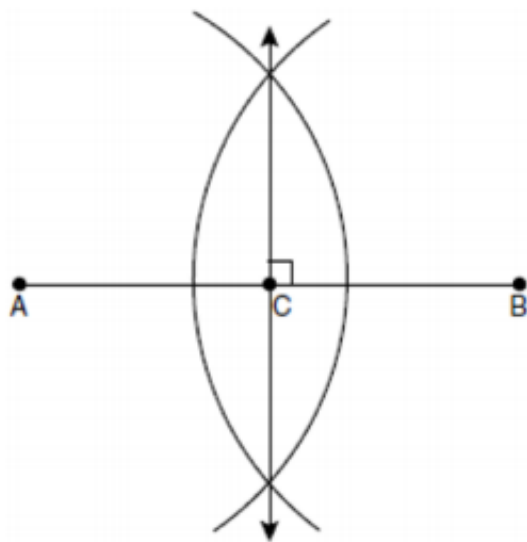


Which two sets of construction marks, labeled I, II, III, and IV, are part of the construction of the perpendicular bisector of line segment AB ?

- 1) I and II
- 2) I and III
- 3) II and III
- 4) II and IV

4.

The diagram below shows the construction of the perpendicular bisector of AB .



Which statement is *not* true?

- 1) $AC = CB$
- 2) $CB = \frac{1}{2} AB$
- 3) $AC = 2AB$
- 4) $AC + CB = AB$

5.

Which diagram shows the construction of the perpendicular bisector of AB ?

