Chapter 10 Block_____Name_____

Misc constructions practice quadrilaterals and angles.

1) Construct an equilateral triangle ABC with side x.
(this will make a 60 degree angle)

x

B

2) Construct an angle ABC of 45^{o} with it's vertex at point P.

P

f

3) Construct an angle ABC of 90^{o} with it's vertex at point A

4) Construct rectangle ABCD with sides of length y and z.

y

z

f

A

5) Construct square ABCD with sides of x.

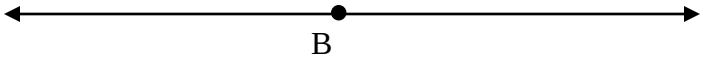
x

6) Construct a rectangle with the sides x and diagonal y

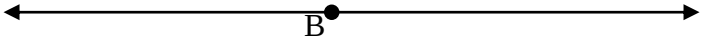
x

y

7) Construct an angle ABC of (A) 135^{o} and (B) 120^{o}



B

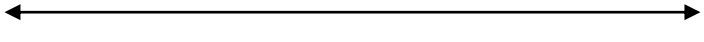


B

8) Construct a **right** triangle ABC with legs y and z

y

z



Miscellaneous constructions

a b c

1) Construct an equilateral triangle with side length b.

2) Construct a right triangle with legs a and c

3) Construct a 45 degree angle.

4) Construct a 135 degree angle

3) Construct a square with side b.

4) Construct a rhombus with diagonals b and c