

# Chapter 3

## Discovering Geometry

### Constructions

Warm-ups and  
Notes Packet

Name Olson

Construct  $AB + CD = EF$

Block: 1  
Date: 1/17/18



#### Compass and Straight-edge Constructions

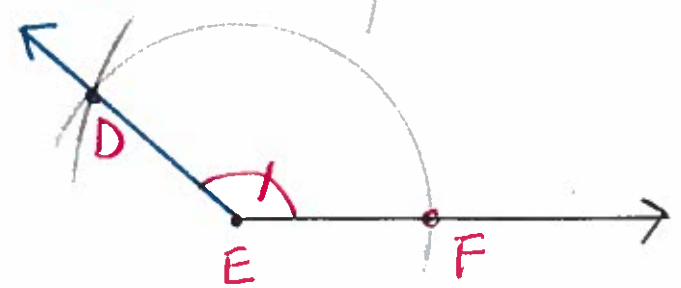
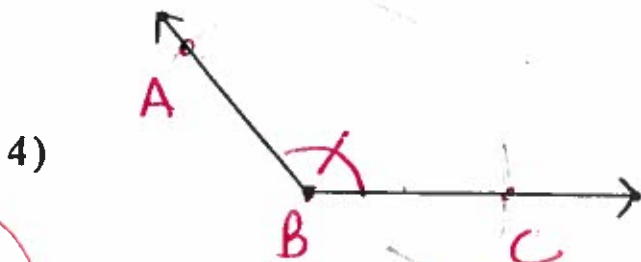
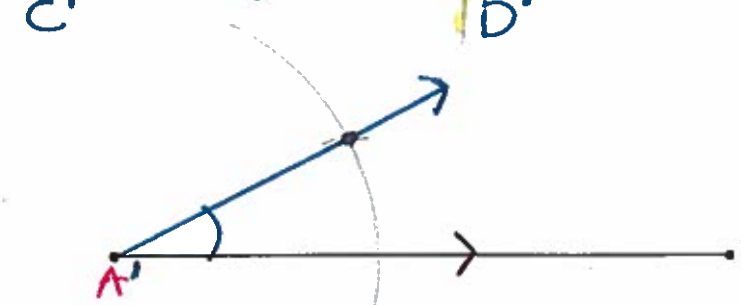
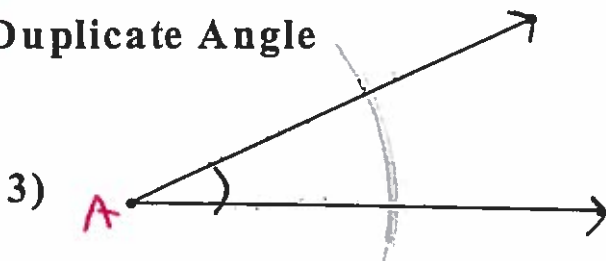
WB  
p. 54

#### Copy a segment Duplicate Segment



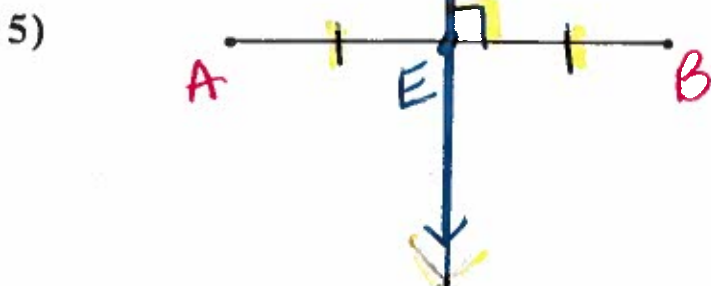
WB  
p. 55

#### Duplicate Angle



WB  
p. 56

#### Construct Perpendicular Bisector



Construct  $\overleftrightarrow{CD}$  bisects  $\overline{AB}$   
Construct midpoint E.

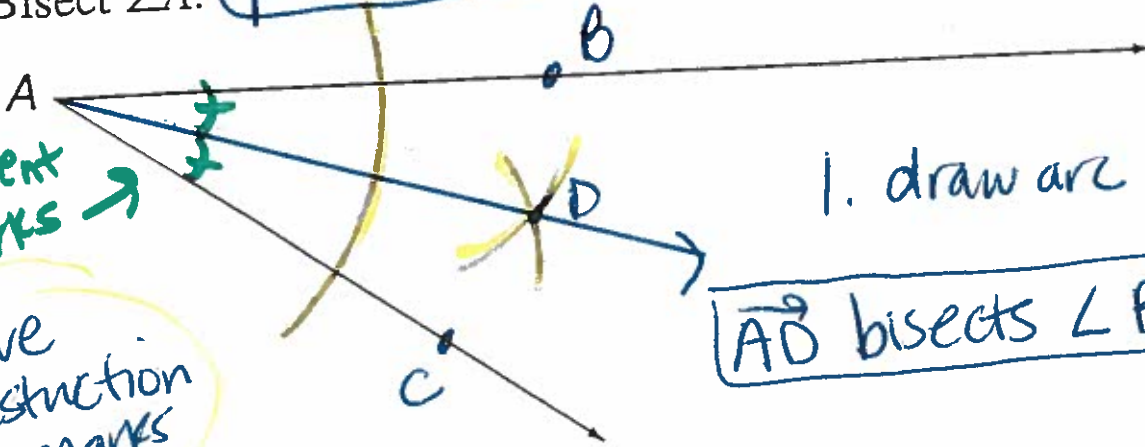
# Chapter 3 / Lessons Through 3.4

## Quiz 2

Good Luck to \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

1. Bisect  $\angle A$ .

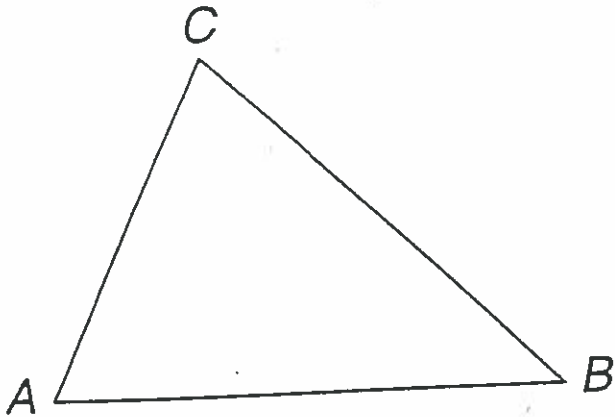
p. 57 WB



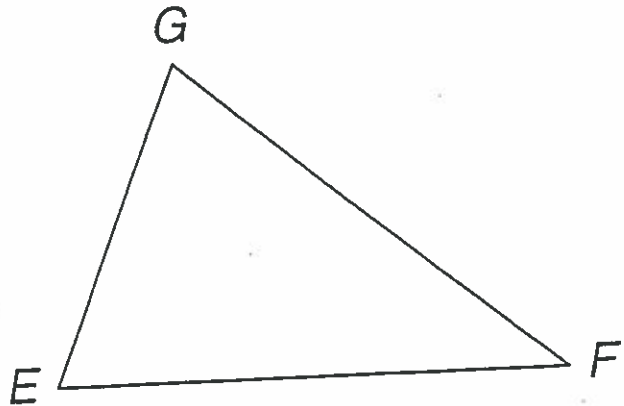
1. draw arc

$\overline{AD}$  bisects  $\angle BAC$

2. Construct altitude  $\overline{CD}$ .

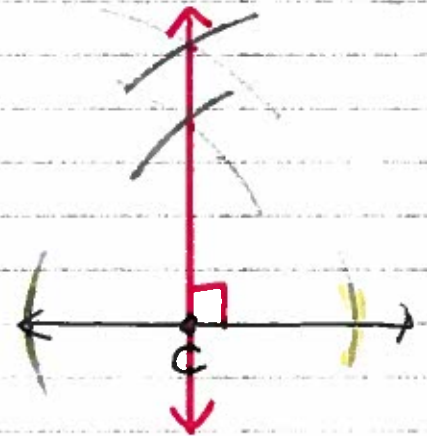


3. Construct median  $\overline{GH}$ .



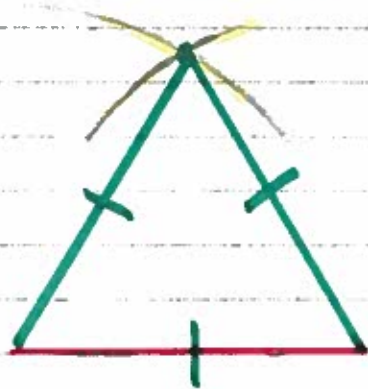
5. Draw line  $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$

C.

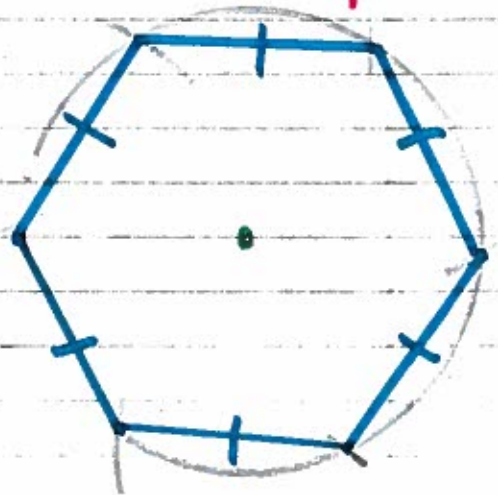


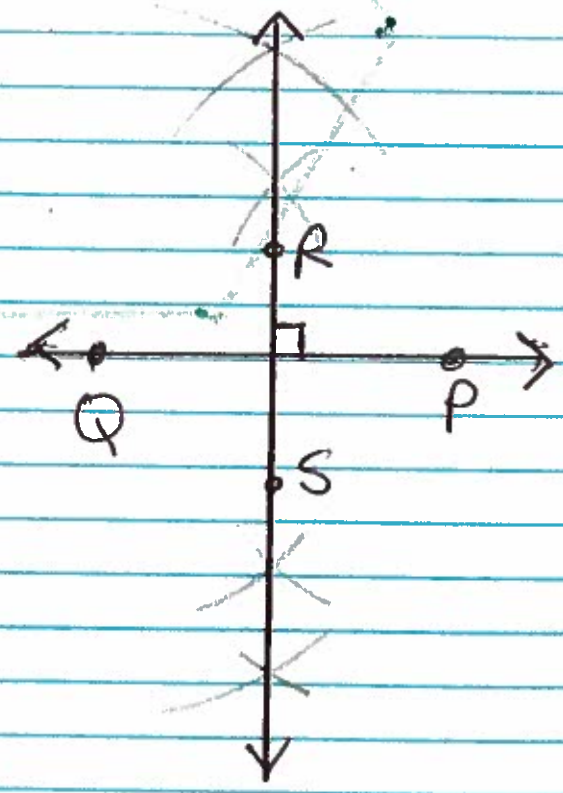
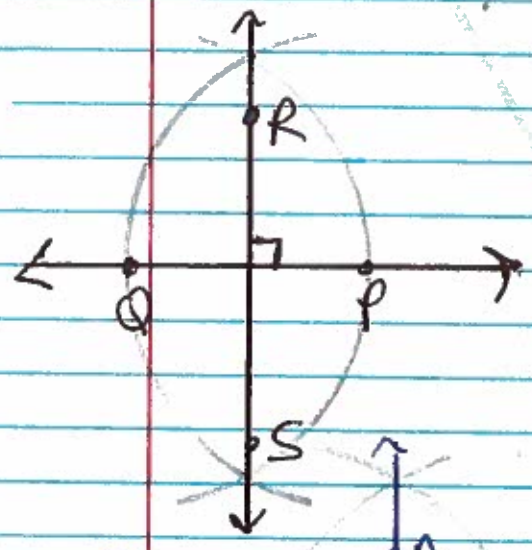
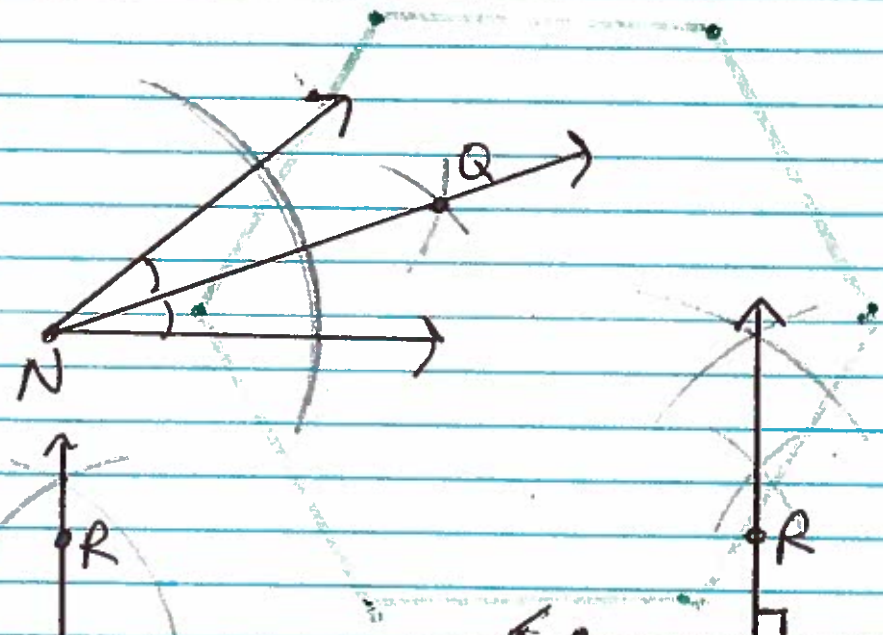
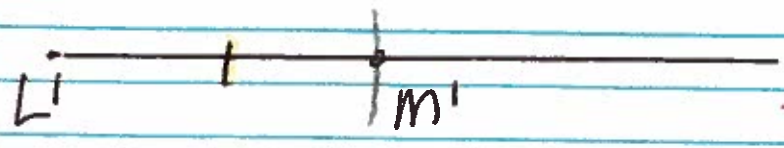
6. Construct a  $\perp$  line  
from a point on a line  
CC W.B. p.58

7. Construct an  
equilateral  $\Delta$  p.64  
Lesson 9 in W.B.



8. Construct a  
regular hexagon  
inscribed in a  
circle p.65





(5)

