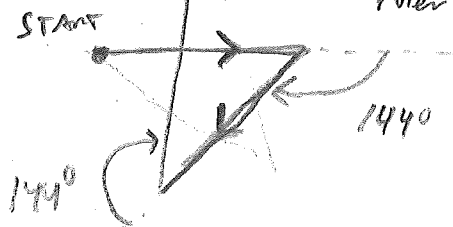


SHEET # 223

QUIZ Review

5-pointed star  
 144° NOTE

(Should be done  
 w. protractor &  
 ruler)



P	Q	P → Q	Q → P	~P ~ Q	~Q → ~P
T	T	T	T	F	F
T	F	F	T	F	T
F	T	T	F	T	F
F	F	F	T	T	T

EQUIV. TO

P → Q

NOTE ~Q → ~P

2.1 p. 34

2. Hyp = slo's smart  
 Concl = I'm a genius

7.  $m\angle 1 = m\angle 2$  if and  
 only if  $\angle 1 \cong \angle 2$ .

10.  $n = 16$ . (Other answers possible)

14. If a number is  
 divisible by 3 then  
 it is divisible by 6.  
 FALSE.

15. If  $x = 3$ , then  
 $6x = 18$ .  
 TRUE.

2.2 p. 40

1. Reflexive Prop.

3. Symmetric Prop.

5. Div. Prop.  $\neq$

7. Distributive Prop.

9. Substitution Prop.  $\neq$

12.

1.

2.

3.

4.

5.

ST  
 RN  
 UN

1. Given

2. Segm. Add. Post.

3. Subst. Prop.  $\neq$

4. Given

5. Subst. Prop.  $\neq$

2.2 p. 41:

4. 1.

1. Given

2. Add. Prop.  $\neq$

3. Subst. Prop.  $\neq$

4. Div. Prop.  $\neq$

8. 1. FL = AT

1. Given

2.

2. Reflexive Prop.  $\neq$

3.

3. Add. Prop.  $\neq$

4.

4. Segm. Add. Postulate

5. FA = LT

5.

10. 1.

1. Given

2.

2. Angle Add. Postulate

3.

3. Subst. Prop.  $\neq$

4.

4. Reflexive Prop.

5.  $m\angle 5 = m\angle 6$

5. Subst. Prop.  $\neq$

B12. STATEMENTS

REASONS

1. RP = TQ  
 PS = QS

1. Given

2. RP + PS = TQ + QS

2. Add. Prop.  $\neq$

3. RP + PS = RS  
 TQ + QS = TS

3. Segm. Add. Postulate

4. RS = TS

4. Subst. Prop.

9-pointed Star

(Should be done  
 with protractor  
 and ruler)

START

160°

160°

