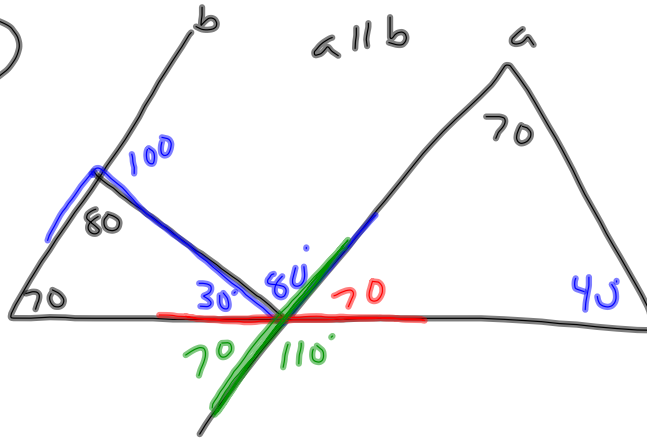


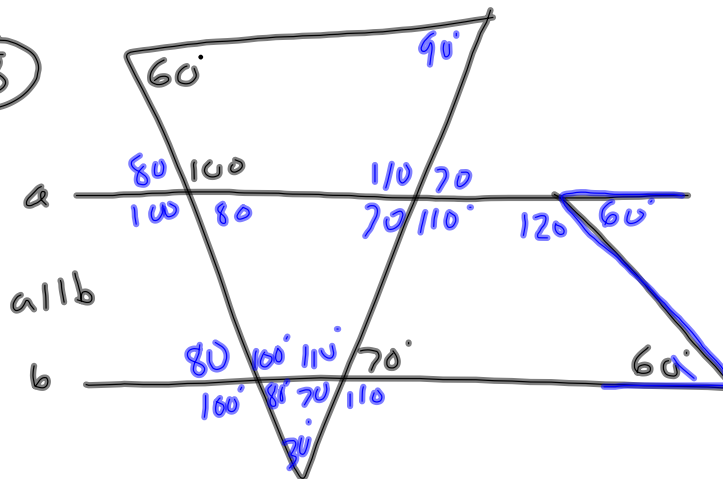
10-22-13
5th 6^{ed}

Ch. 3 PT 2

(7)

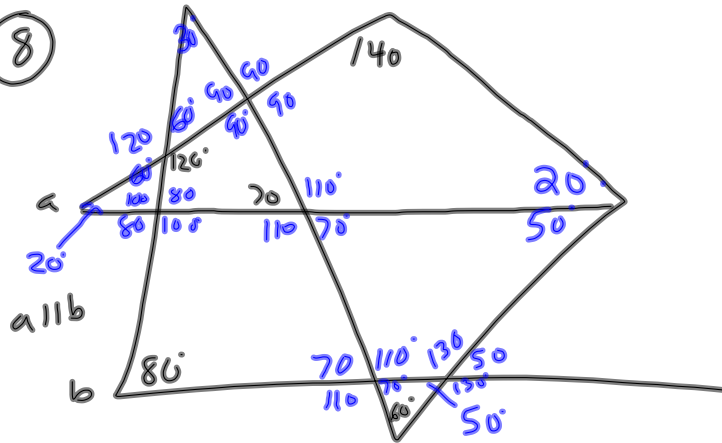


(8)

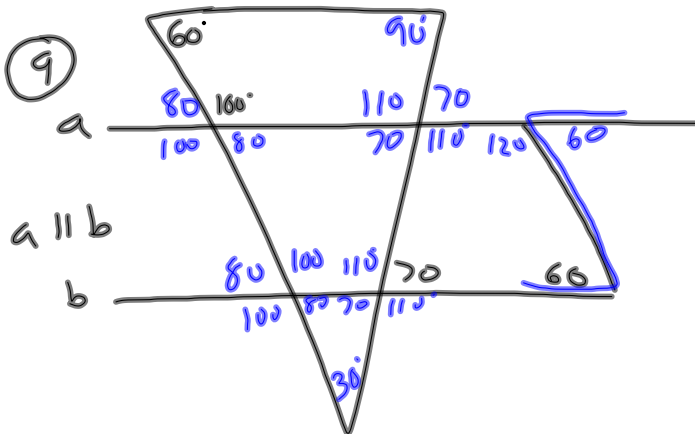


Ch 3 PT 3

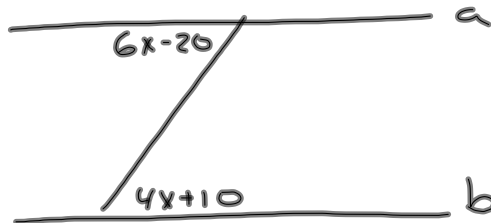
8



9



10



$$6x - 20 = 4x + 10$$

$$\begin{array}{r} -4x \\ \hline 2x - 20 = 10 \end{array}$$

$$2x - 20 = 10$$

$$\begin{array}{r} +20 \\ \hline 2x = 30 \end{array}$$

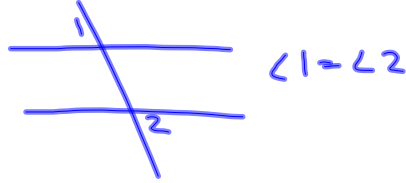
$$2x = 30$$

$$x = 15$$

True/False

If lines are parallel,

- ① Alternate exterior angles are supplementary **False**



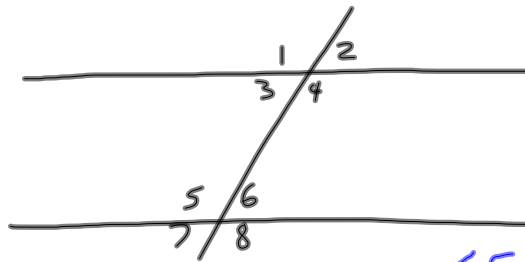
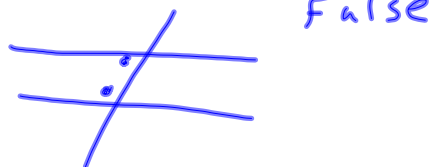
- ② Linear pairs are complementary.

\therefore **False** \downarrow 90°

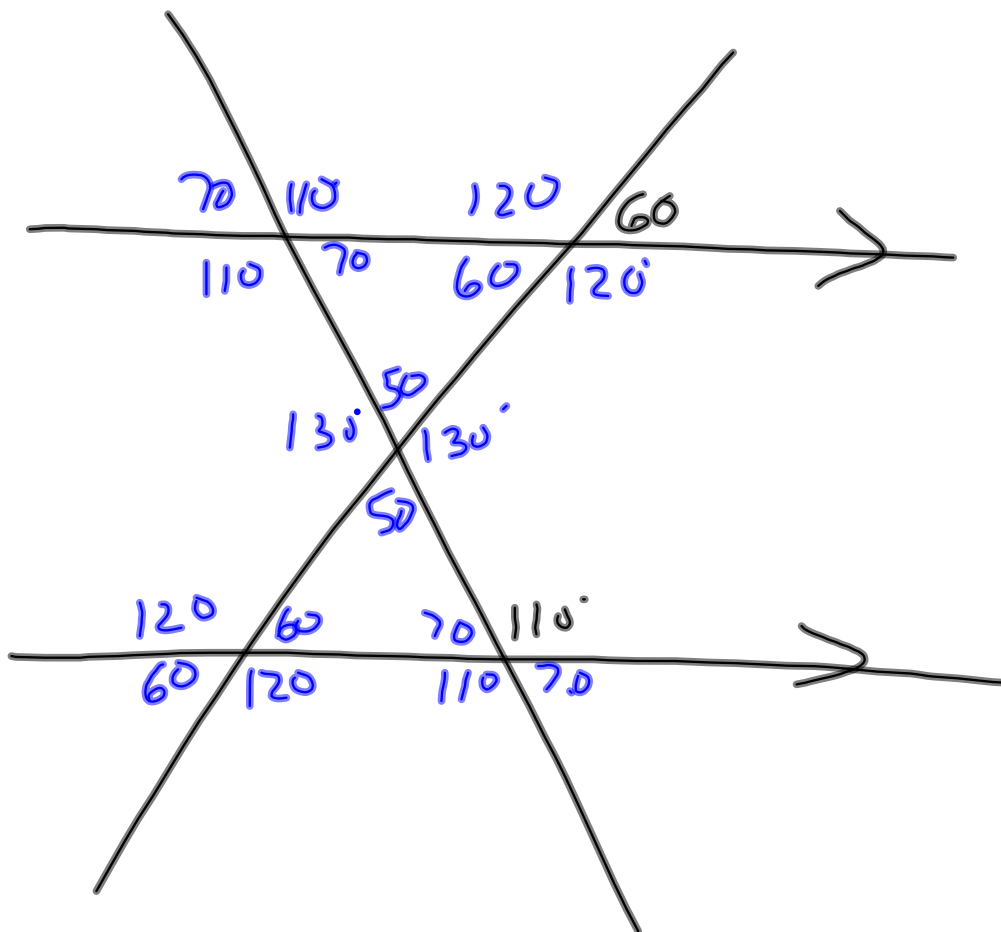
- ③ Corresponding angles are =.



- ④ Consecutive interior angles are equal to each other.



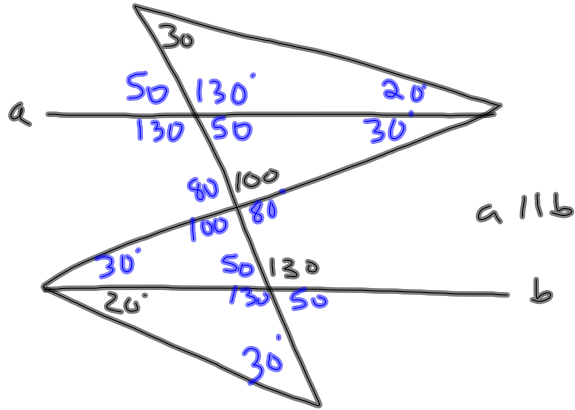
- ① $\angle 3$ consecutive interior $\angle 5$
② $\angle 4$ vertical angle $\angle 1$
③ $\angle 6$ corresponding angle $\angle 2$
④ $\angle 5$ linear pair $\angle 6$ or $\angle 7$
⑤ $\angle 4$ alternate interior $\angle 5$



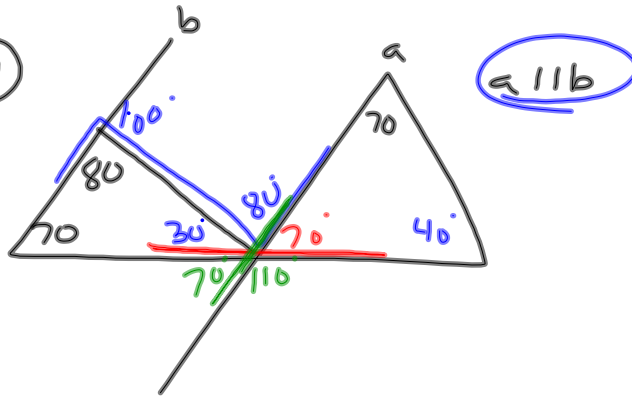
10-22-13
6th Geo

Ch. 3 PT 2

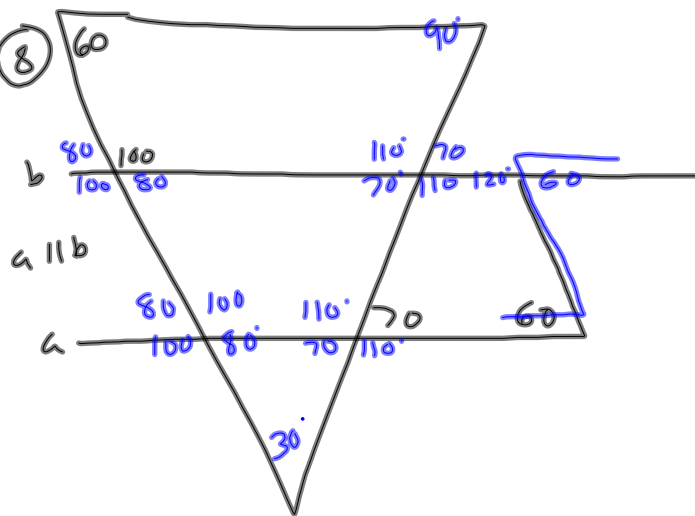
9

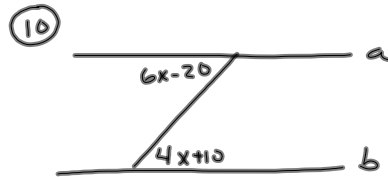
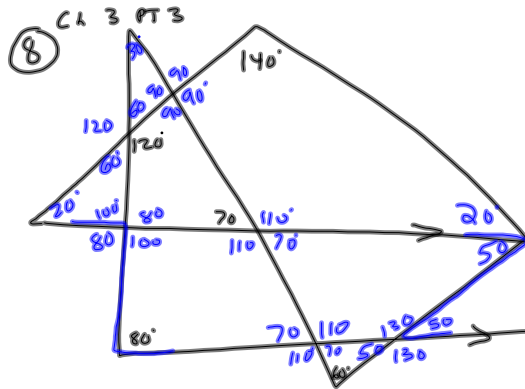


7



8



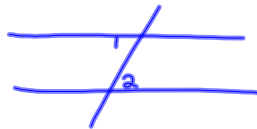


$$\begin{array}{r}
 6x-20 = 4x+10 \\
 -4x \quad -4x \\
 \hline
 2x-20 = 10 \\
 +20 \quad +20 \\
 \hline
 2x = 30 \\
 x = 15
 \end{array}$$

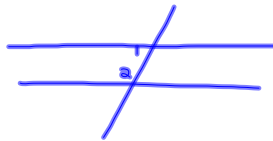
True/False

If lines are parallel,

- ① Alternate interior \angle 's are Supplementary **False**



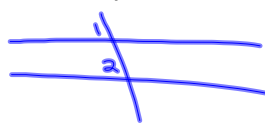
- ② Consecutive interior \angle 's are = **False**

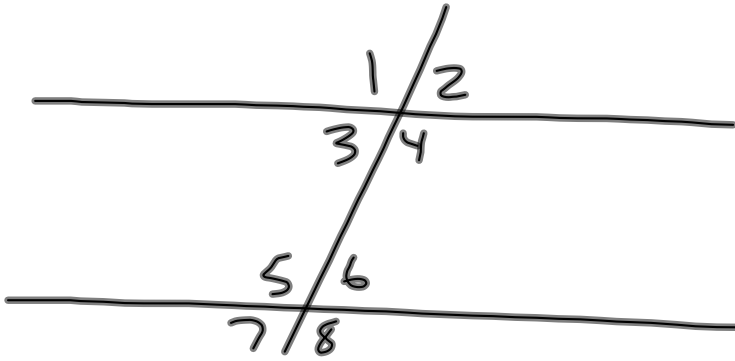


- ③ Linear pairs are supplementary **True**



- ④ Corresponding angles are = **True**





- ① $\angle 5$ corresponding $\angle \angle 1$
- ② $\angle 2$ alternate exterior $\angle \angle 7$
- ③ $\angle 6$ consecutive interior $\angle \angle 4$
- ④ $\angle 4$ linear pair $\angle 2$ or $\angle 3$
- ⑤ $\angle 3$ alternate interior $\angle \angle 6$

