



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



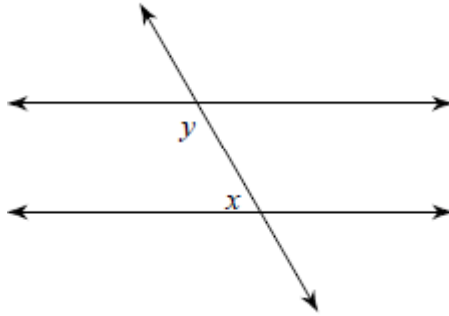
Sub: Arithmetic
Duration: 40 min

Class: 7
Worksheet Solution 5
PARALLEL LINES (CONTD.)

Date: 18. 04.20
Full Marks: 15

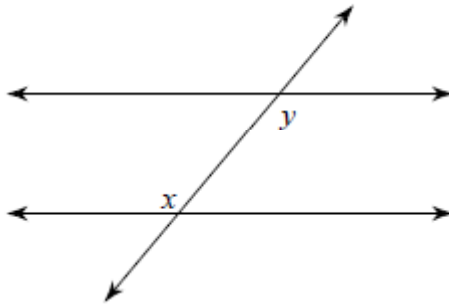
Choose the Correct options:

1)



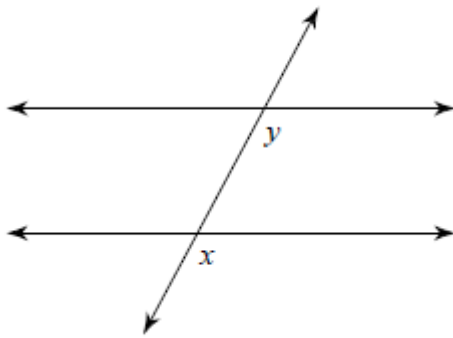
A) alternate exterior B) alternate interior C) **consecutive interior** D) corresponding

2)



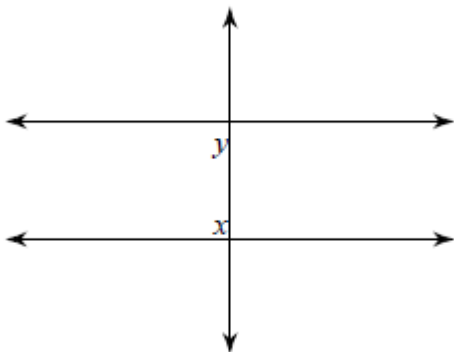
A) consecutive interior B) **alternate interior** C) corresponding D) alternate exterior

3)

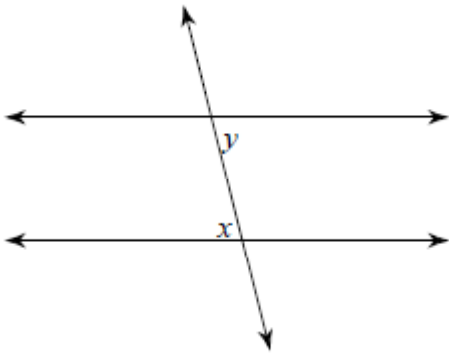


A) alternate interior B) consecutive interior C) alternate exterior D) **corresponding**

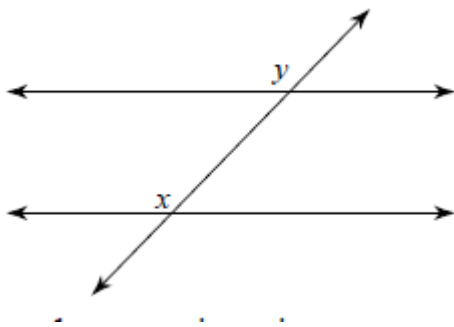
4)



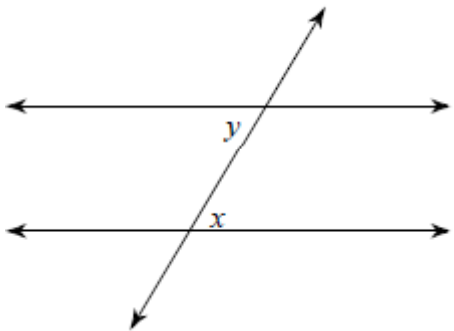
A) corresponding B) alternate interior **C) consecutive interior** D) alternate exterior
5)



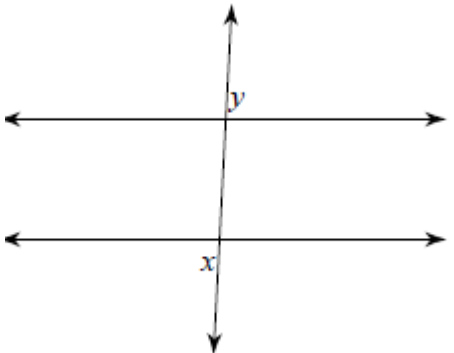
A) alternate exterior B) corresponding **C) alternate interior** D) consecutive interior
6)



A) alternate interior B) consecutive interior C) alternate exterior **D) corresponding**
7)

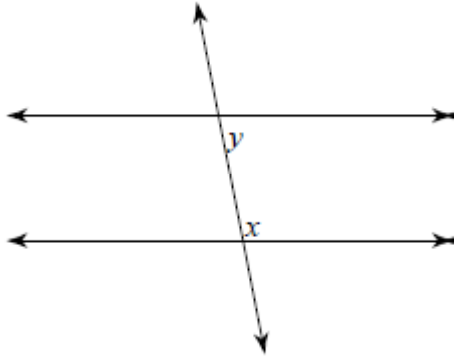


A) corresponding **B) alternate interior** C) alternate exterior D) consecutive interior
8)



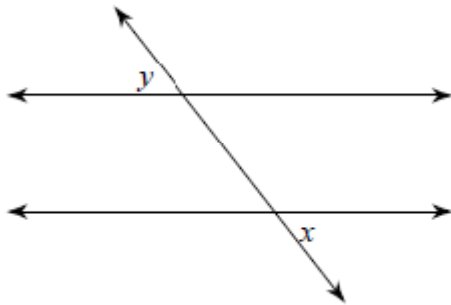
A) corresponding B) consecutive interior **C) alternate exterior** D) alternate interior

9)



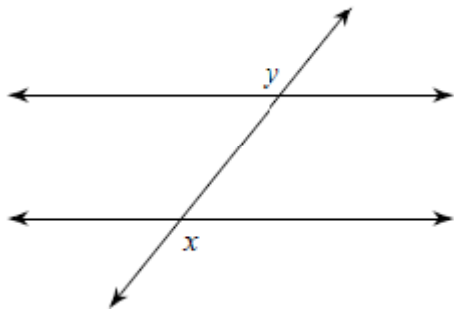
- A) corresponding B) alternate interior C) alternate exterior **D) consecutive interior**

10)



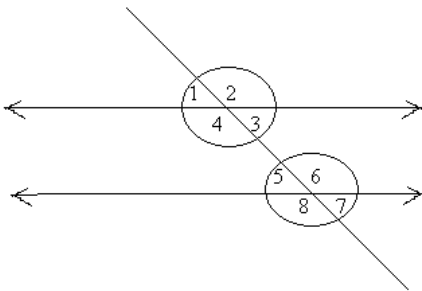
- A) corresponding **B) alternate exterior** C) consecutive interior D) alternate interior

11)



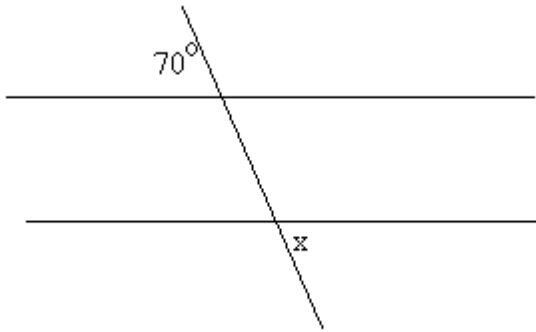
- A) alternate interior **B) alternate exterior** C) corresponding D) consecutive interior

12) In the figure $l \parallel m$ and t is a transversal. If $\angle 1 = 57^\circ$, then find angle 6.



- a. 121°
b. **123°**
c. 180°
d. 57°

13) In figure, what is the value of x?

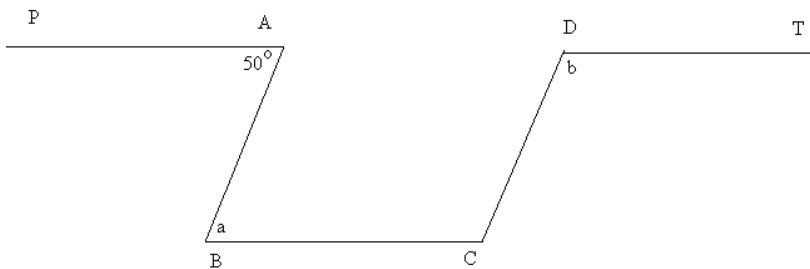


- a. 75°
- b. **70°**
- c. 60°
- d. 55°

14) If two interior angles on the same side of a transversal intersecting two parallel lines are in ratio 2 :3 then, what is the smaller angle?

- a. 36°
- b. **72°**
- c. 47°
- d. 103°

15) In the figure PAIIBCIIDT and ABIIDC. Then, the values of a and b are respectively



- a. $60^\circ, 120^\circ$
- b. **$50^\circ, 130^\circ$**
- c. $70^\circ, 110^\circ$
- d. $60^\circ, 100^\circ$