

LINES AND ANGLES

Subtopic: PAIRS OF LINES

Section 1

1. Mark T for True and F for False

1a. A linear pair may have two acute angles.

1b. Two lines can intersect in more than one point.

2. Choose the correct answer.

2a. A transversal intersects two or more than 2 lines at points which are

- a)
- b) distinct
- c) 4
- d) 5

2b. Vertically opposite angles are always,

- a) Supplementary
- b) Complementary
- c) Equal
- d) Adjacent

3. Fill in the blanks

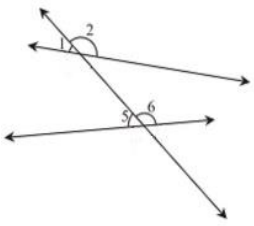
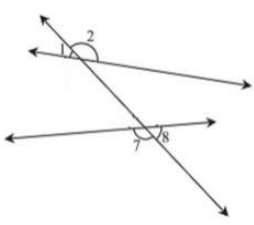
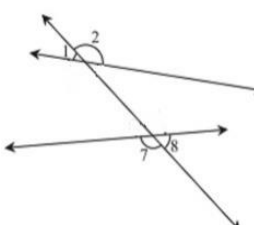
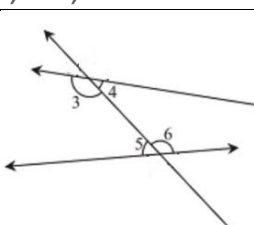
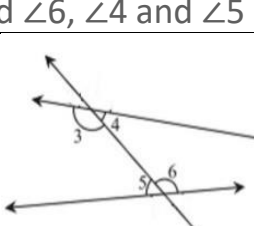
3a. The point in common when two lines intersect is called _____.

3b. A line that intersects two or more lines at a distinct point is _____.

LINES AND ANGLES

Subtopic: PAIRS OF LINES

4. Fill the table below.

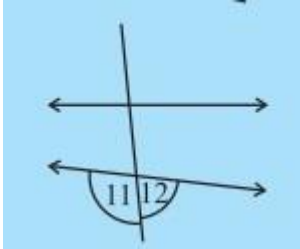
Column 1	Column 2	Answer here	
 <p>a) $\angle 1$ and $\angle 5$, $\angle 2$ and $\angle 6$,</p>	1) Interior	a)	
 <p>b) $\angle 1$ and $\angle 8$, $\angle 2$ and $\angle 7$</p>	2) Corresponding angles	b)	
 <p>c) $\angle 1$, $\angle 2$, $\angle 7$, $\angle 8$</p>	3) Alternate exterior	c)	
 <p>d) $\angle 3$ and $\angle 6$, $\angle 4$ and $\angle 5$</p>	4) Exterior	d)	
 <p>e) $\angle 3$, $\angle 4$, $\angle 5$, $\angle 6$</p>	5) Alternate Interior	e)	

LINES AND ANGLES

Subtopic: PAIRS OF LINES

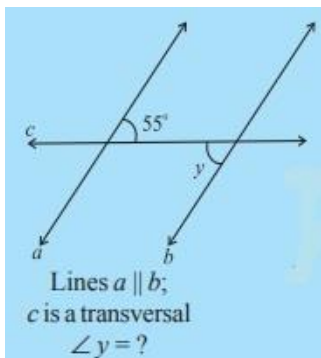
Section 2

5. Name the pair of angles in figure below.



6. If a line is a transversal to 4 lines, how many points of intersection are there?

7. Find y below.



LINES AND ANGLES

Subtopic: PAIRS OF LINES

8. Find the measures of the angle made by the intersecting lines at the vertices of an equilateral triangle.

Section 3

9. Draw any rectangle and find the measures of angles at the four vertices made by the intersecting lines.

10. Find a , b , c , d .

