



L.D.A. SCHOOL SYSTEM

Branch: _____

Boys

Girls

Name & initials of Invigilator

$$\angle y + 110^\circ = 180 \text{ (supplementary angles)}$$

$$\angle y = 180 - 110$$

$$\angle y = 70^\circ$$

$$\angle y = \angle a \text{ (alternate angles)}$$

$$\angle a = 70^\circ$$

$$\angle a + \angle b = 150 \text{ (Corresponding angles)}$$

$$70 + \angle b = 150$$

$$\angle b = 150 - 70$$

$$\angle b = 80^\circ$$

$$\angle x = \angle b \text{ (vertically opposite angles)}$$

$$\angle x = 80^\circ$$

