

Answer Key to the Question Bank

1. a. i. $XY, YZ / YZ, ZW / ZW, WX / WX, XY$ ii. $XY, WZ / YZ, WX$ iii. $\angle XYZ, \angle YZW$
iv. $\angle WXY, \angle YZW / \angle XYZ, ZWX$ b. 360° c. 180° d. 4 e. equal
2. a. iv b. iii c. iv d. ii
3. a. False b. True c. False d. True e. True
4. a. 270° b. concave quadrilateral c. $40^\circ, 80^\circ, 80^\circ, 160^\circ$ d. breadth = 8 cm,
length = 10 cm e. adjacent angles: $110^\circ, 110^\circ$; opposite angle: 70° f. 10 cm
g. 30 cm