Construction of a Line Segment

1.	Ch	hoose the correct answer:						
	a.	a. A straight edged thin strip, which is used to find the small lengths of objects is known as:						
		i) protractor		ii) divider		iii) ruler		
	b.	This instrument has two arms one of them has metal end point and the other arm has screw arrangement is known as						
		i) compass		ii) protractor		iii) set squares		
2.	Dr	raw a line segment of length 7.6 cm using a ruler.						
3.	Co BC	Construct AB of length 8.4 cm. From this, cut a line AC of length 3.4 cm, measure CC.						
4.		iven \overline{AB} of length 3.8 cm, construct \overline{PQ} such that the length of \overline{PQ} is twice that of \overline{B} . Verify by measurement.						
5.	So	olve the following:						
	а.	Draw a line segment AB = 6 cm. Draw BC perpendicular to AB using ruler and compasses.						
	b.	 Draw a line segment DP = 8 cm. Construct ∠POQ = 90°, such that DQ = 6 cm. Join P and Q, then measure the length of PQ. 						
	c.	 Draw a line segment DA = 5 cm. Use ruler and compass to construct angle AOB = 60°, such that OB = 3cm. Join A and B, then measure the length of AB. 						