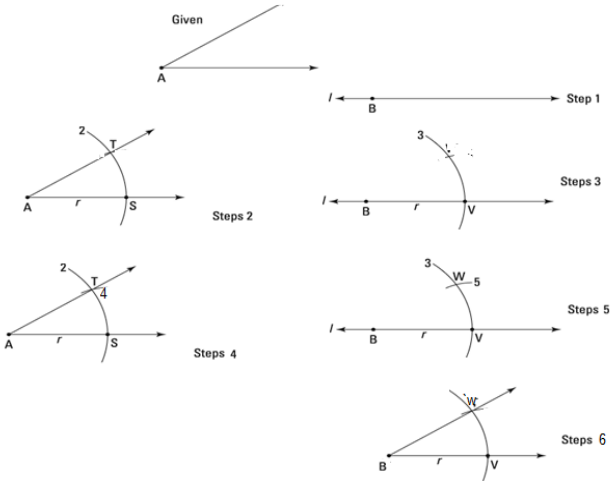
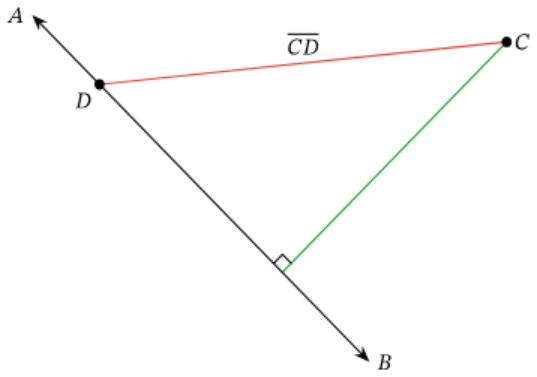
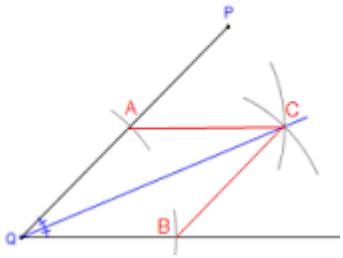
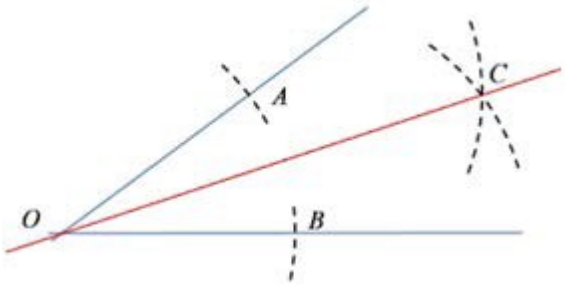
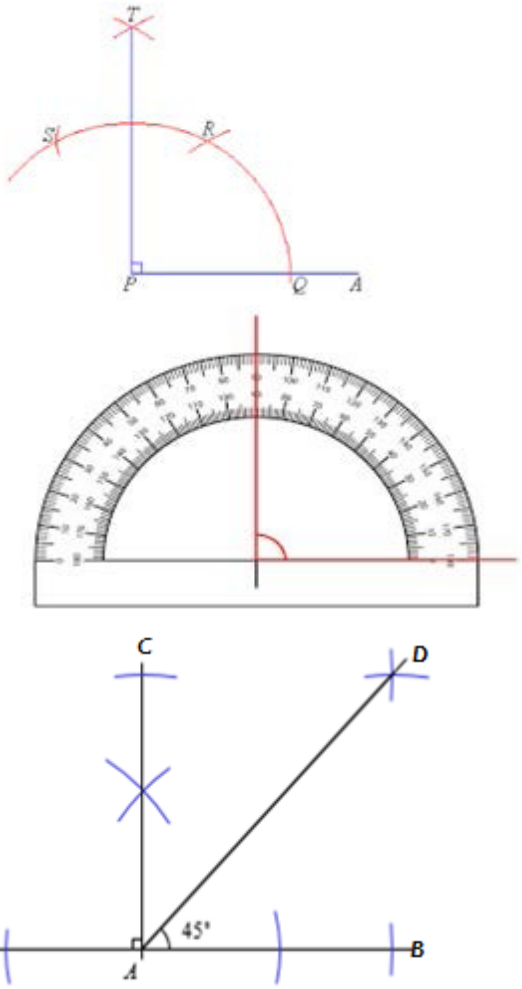
BASIC 7

WEEKLY LESSON PLAN – WEEK 2

Learning Indicator(s)	B7.3.1.2		
Performance Indicator	B7.3.1.2.3: Copy and bisect angles 7.3.1.2.4: Construct angles of 90 and 45		
Week Ending	23-09-2022		
FORM	B.S.7		
Subject	Mathematics		
Reference	Teachers Resource Pack, Learners Resource Pack, Textbook.		
Teaching / Learning Resources	Pair of Compass, Protractor, meter rule, Pair of Divider, Pencil.		
DAYS	**PHASE 1 : STARTER**	**PHASE 2: MAIN**	**PHASE 3: REFECTION**
MONDAY **17-09-2022**	Learners brainstorm to explain the meaning of an angle.	1. Demonstrate how to draw arcs to construct angle bisectors. 2. Guide Learners to construct angle bisectors using rulers and compasses without protractors. 3. Learners brainstorm to copy angle bisectors using rulers and compasses. 	**Core Competencies;** 1. Implement strategies with accuracy 2. Ability to combine Information and ideas from several sources to reach a conclusion

			
TUESDAY **18-09-2022**	Through questions and answers, review Learner's knowledge on to construct 90°.	1. Perform geometric construction to bisect a given angle to obtain two equal parts. 2. Learners are to be guided to sketch acute angles and label it. 3. Assist Learners to copy angles, measure and record its value.   Angle bisector in geometry refers to a line that splits an angle into two equal angles. Bisector means the thing that bisects a shape or an object into two equal parts. If we draw a ray that bisects an angle into two equal parts of the same measure, then it is called an angle bisector.	**Core Competencies;** 1. Implement strategies with accuracy 2. Ability to combine Information and ideas from several sources to reach a conclusion

THURSDAY **20-09-2022**	Learners individually brainstorm to construct 90° angle using a pair of compasses and a ruler.	1. Assist Learners to use Protractor to verify angles constructed. 2. Learners in groups to practice constructing an angle of 45˚ by bisecting the 90˚ angle constructed.  	**Exercise;** 1. bisect ∠BAC=90° to obtain ∠BAD=45◦ 2. Construct ∠ABC=45˚ such that /AB/= 5cm and /BC/=6cm, bisect ∠ABC=45˚ **Core Competencies;** 3. Implement strategies with accuracy 4. Ability to combine Information and ideas from several sources to reach a conclusion