

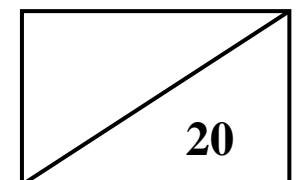
NAME:

**MINISTRY OF EDUCATION, HERITAGE & ARTS**

**WORKSHEET 1 YEAR 10 2021**

**BASIC TECHNOLOGY & BASIC GRAPHIC TECHNOLOGY**

**STRAND 1: GEOMETRY**



**SECTION B**

**QUESTION 2 TOOLS AND GEOMETRICAL CONSTRUCTION (10 marks)**

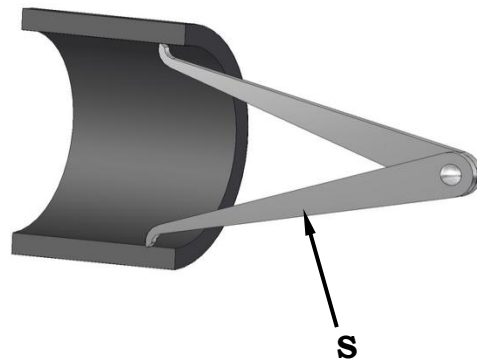
**PART A (2 marks)**

Name the **hand tool** marked **S** and state the process carried out in the diagram given below.

(a) Tool : \_\_\_\_\_ (1 mark)

(b) Process : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

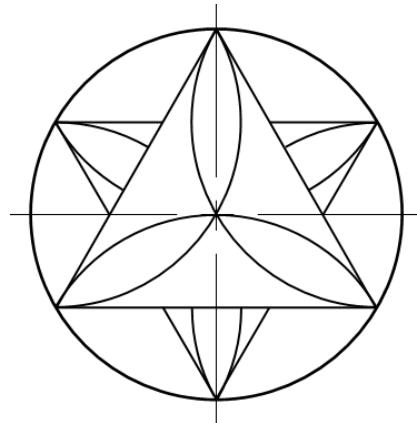
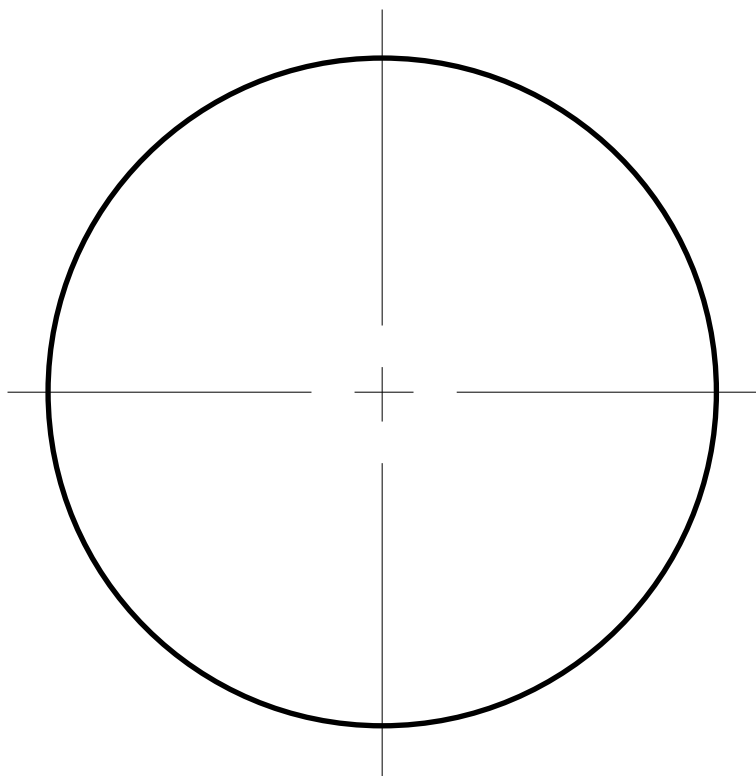
(1 mark)



Source: <http://www.meritnation.com>

**PART B (10 marks)**

Redraw the shape on the right using the center line provided below.

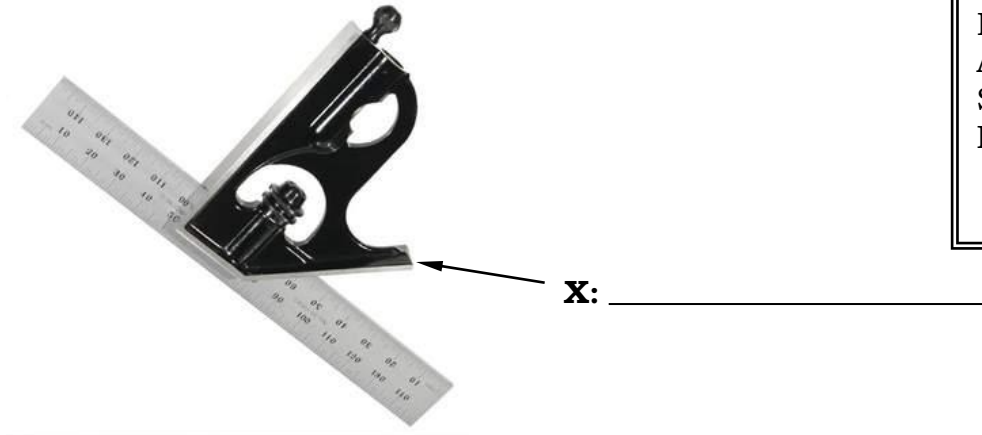


BQ2B			
1	Correct shape	8	
2	Correct line work	1	
3	Accuracy	1	

**PART C (1 mark)**

Name the part labeled **X** on the hand tool given below using the word list.

Word List:	
Knob	
Anvil	
Shoulder	
Blade	

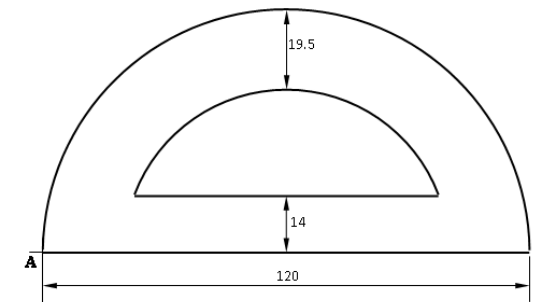


Source: <http://www.lie-nielsen.com>

**PART D (7 marks)**

**Given:** A sketch of a 180° protractor and corner labelled **A**.

**Required:** Redraw the 180° protractor to a scale of 1:1 starting from corner **A** given below.



BQ2D			
1	Correct shape	5	
2	Correct line work	1	
3	Accuracy	1	

A+

