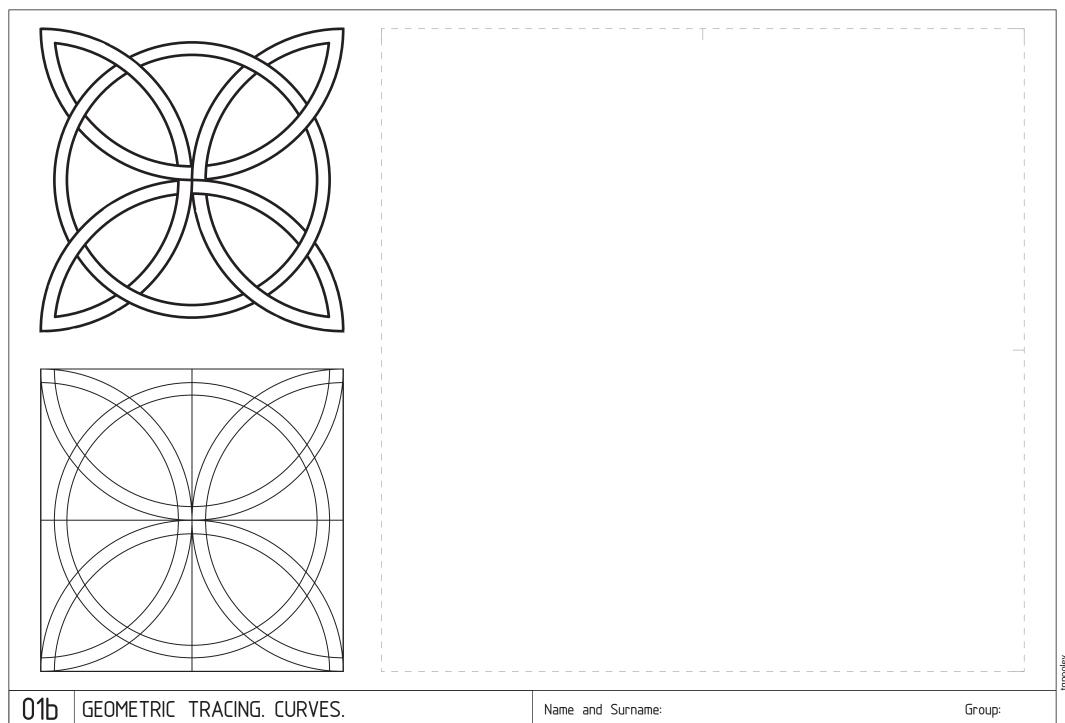
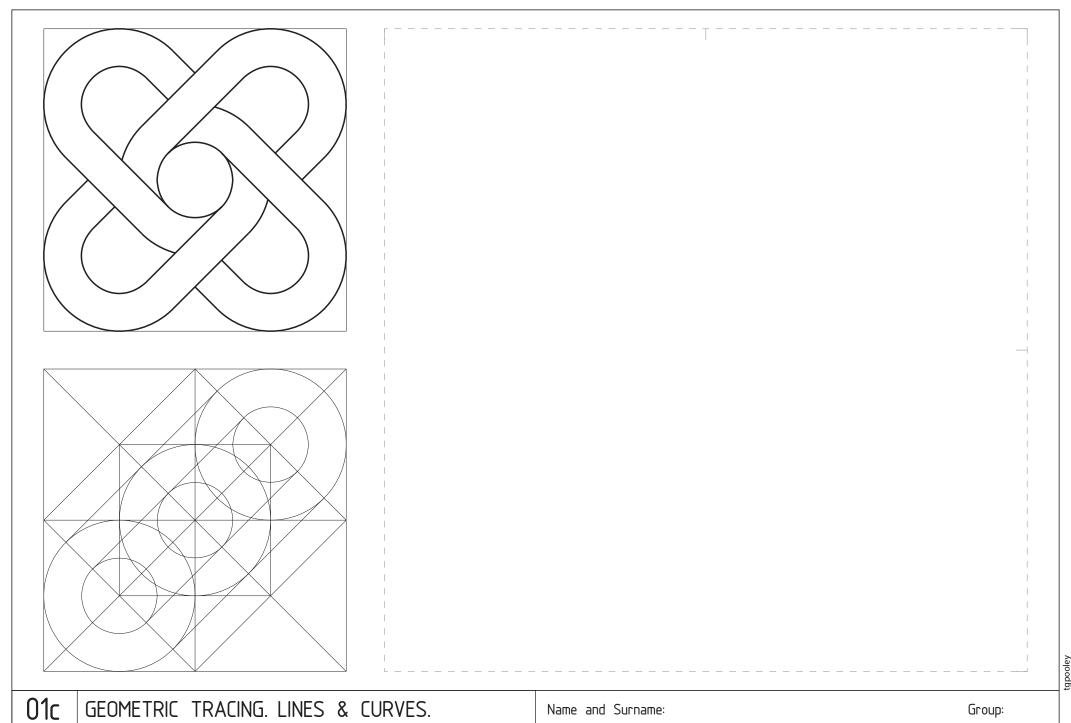
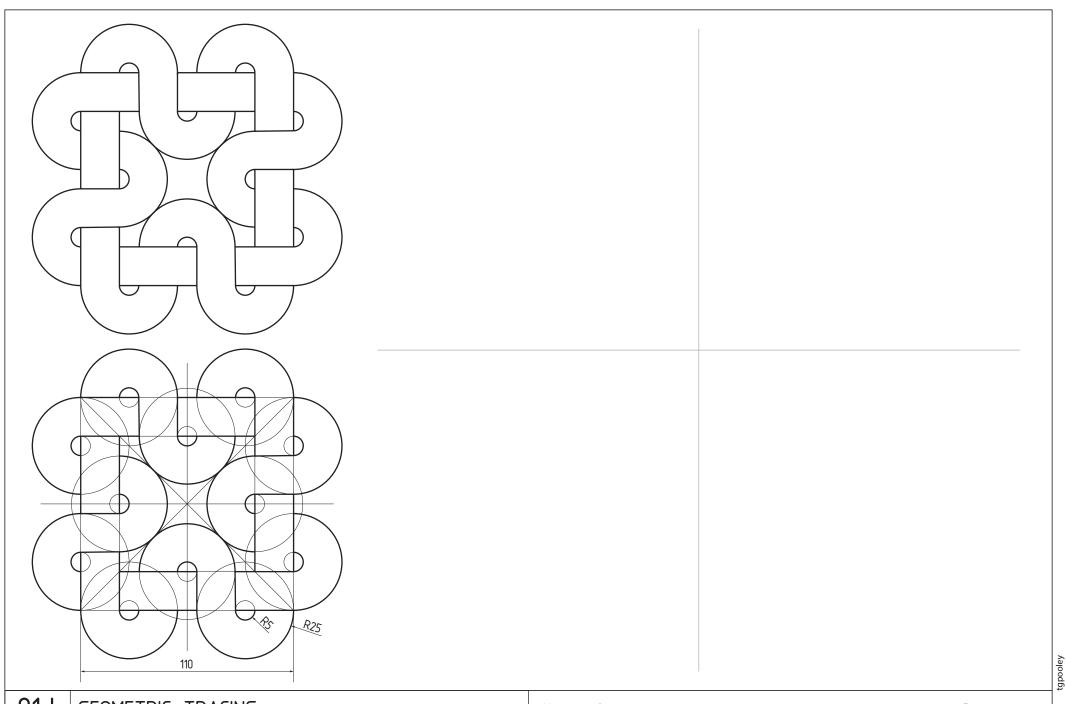


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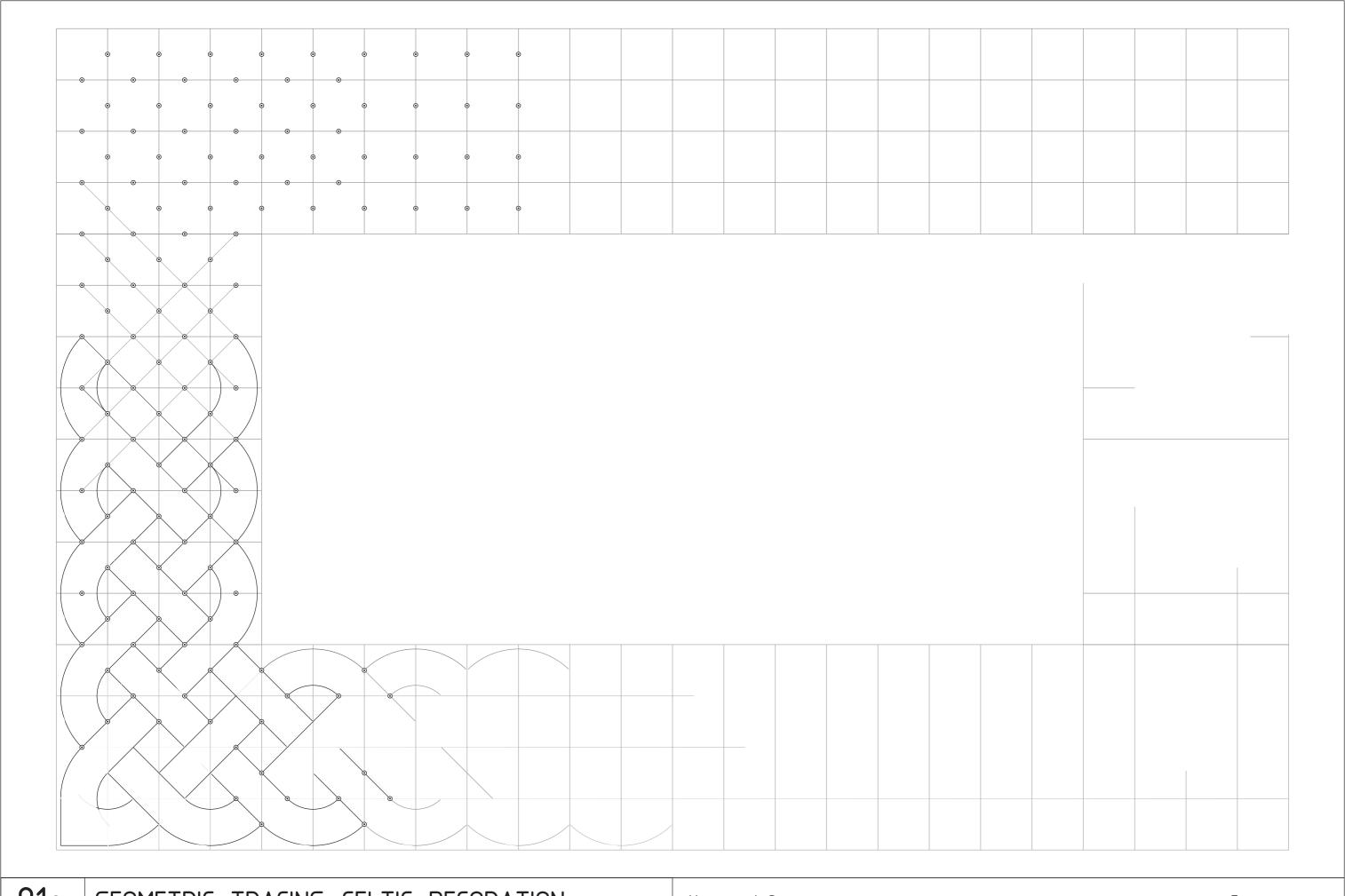


01d

GEOMETRIC TRACING. PARALLEL, PERPENDICULAR LINES & CURVES.

Name y Surname:

Group:

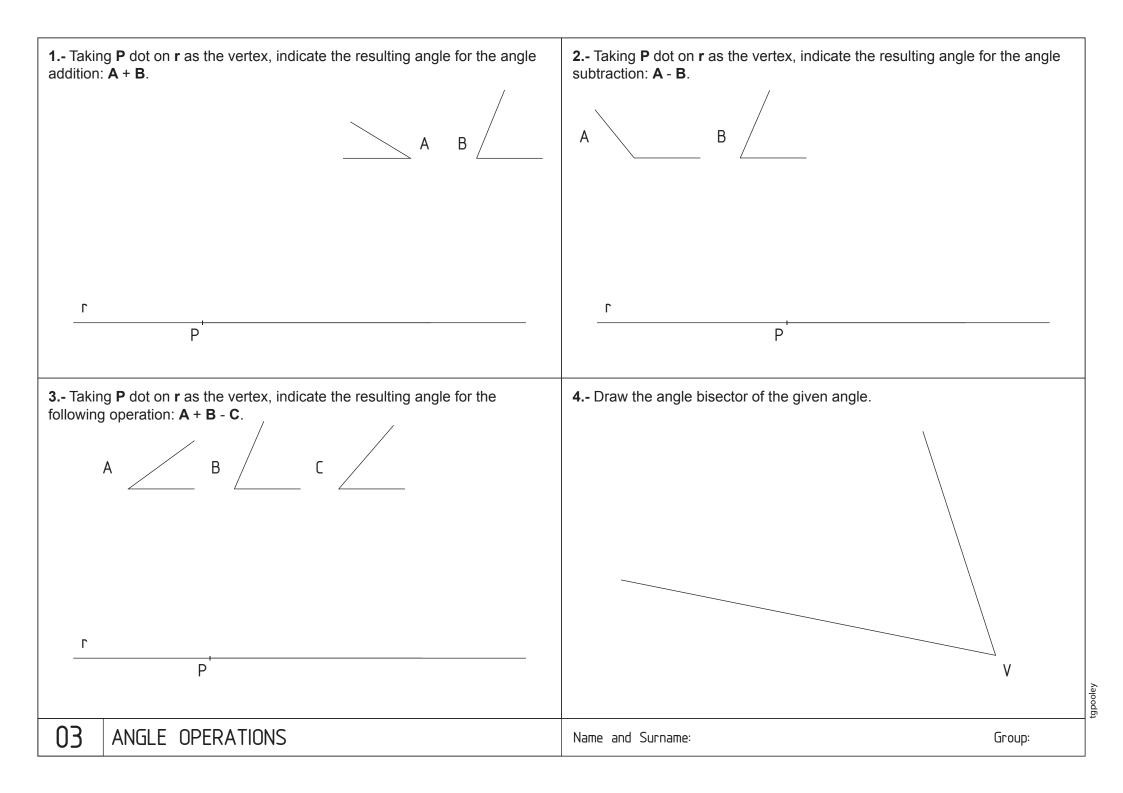


01e GEOMETRIC TRACING. CELTIC DECORATION

Name and Surname:

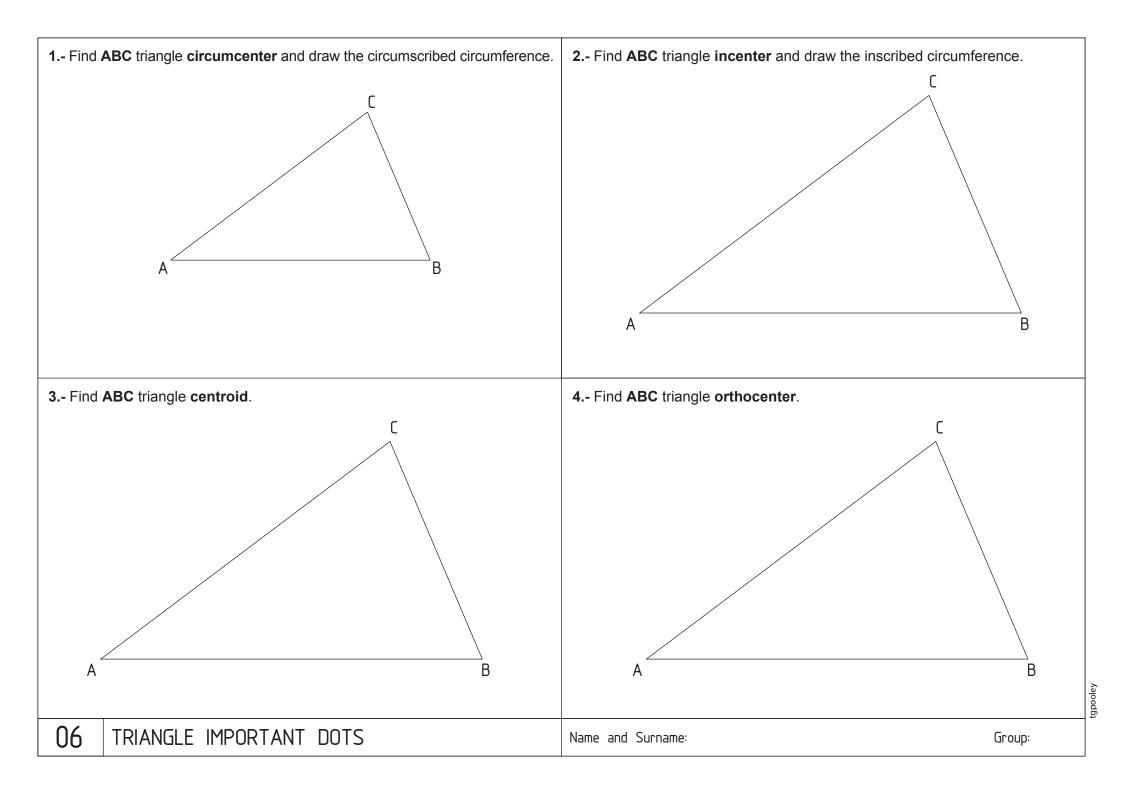
Group:

1 On line r, indicate the resulting segment of the segment subtractionAB - CD.	2 On line r, indicate the resulting segment of the following operation:AB + CD - EF.
A B C D	A B C D
<u> </u>	E F
Γ	L L
3 Draw the segment bisection of AB segment.	4 Divide AB segment in 5 equal parts using Thales' Theorem.
J Draw the segment bisection of AB segment.	4 Divide AB segment in a equal parts using males medicin.
`	
В	A _
Δ	В
A	No control of the con
02 BASIC SEGMENT OPERATIONS	Name and Surname: Group:



1 Using compass draw 60	o° and 90° angles.	2 Build 75° and 150° angles,	you must only use compass to draw them.
A 3 Using only your compas	B ss build the 37° 30' and 67° 30' angles.	A 4 Find 82° 30' angle, you mus	B st only use compass in its construction.
04 ANGLE CONST	RUCTION USING COMPASS	Name and Surname:	Group:

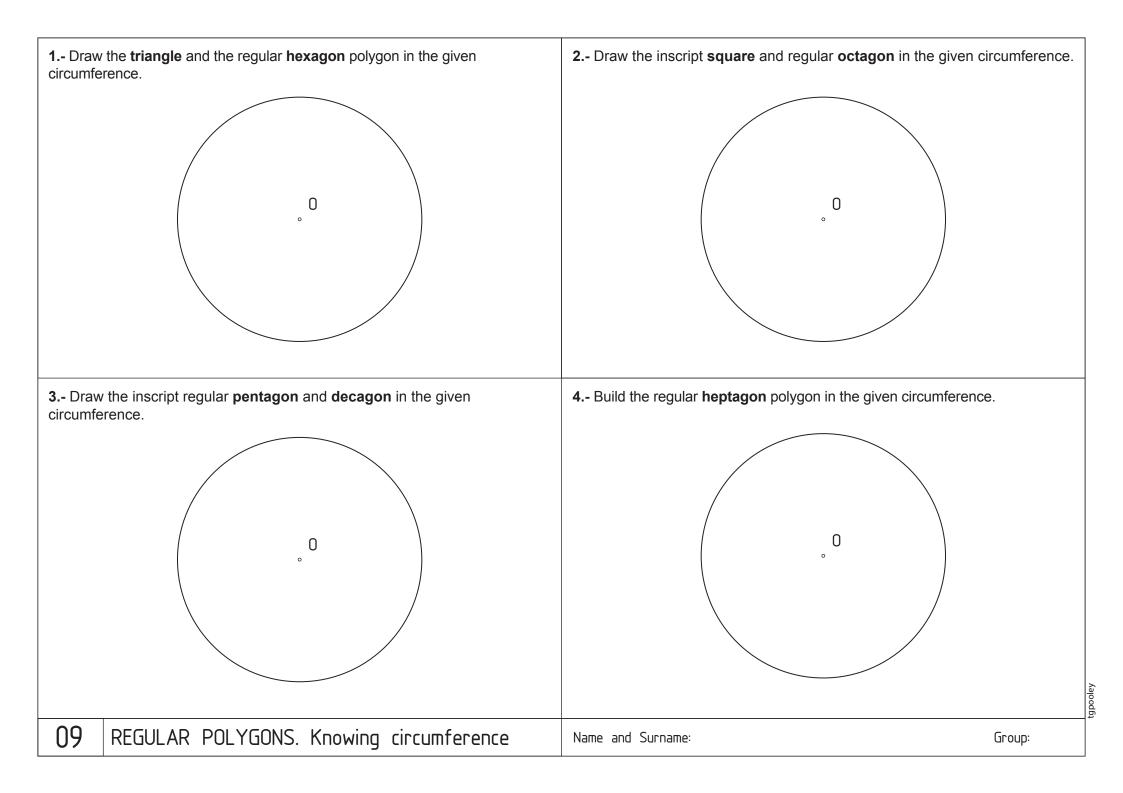
1 Draw the equilateral triangle with a side length of 62 mm.	2 Draw the isosceles triangle which equal sides have the leng and different side is equal to segment a.	th of segment b ,
3 Draw a triangle with given side c , and angles A and B .	4 Draw the triangle with given sides a and c , and angle B .	
c = 63 mm. A = 45º B = 75º	c = 60 mm. B = 120º	tanoolev
OF TOLANGLES, CONCEDUCTION METHODES AND ANGLES	Name and Courses	
TRIANGLES: CONSTRUCTION WITH SIDES AND ANGLES	Name and Surname:	Group:



	the square with side equal to 50 mm . T the rhombus with given side AB and angle A = 60° . AB side must e r . B	2 Draw the rectangle with given side AB and diagonal AC= 94 A B 4 Draw the rhomboid with given sides AB = 70 mm., AD = 50 m and A angle. AB side must be on line r.	Γ
			Γ
07	QUADRILATERALS. PARALLELOGRAMS	Name and Surname:	Group:

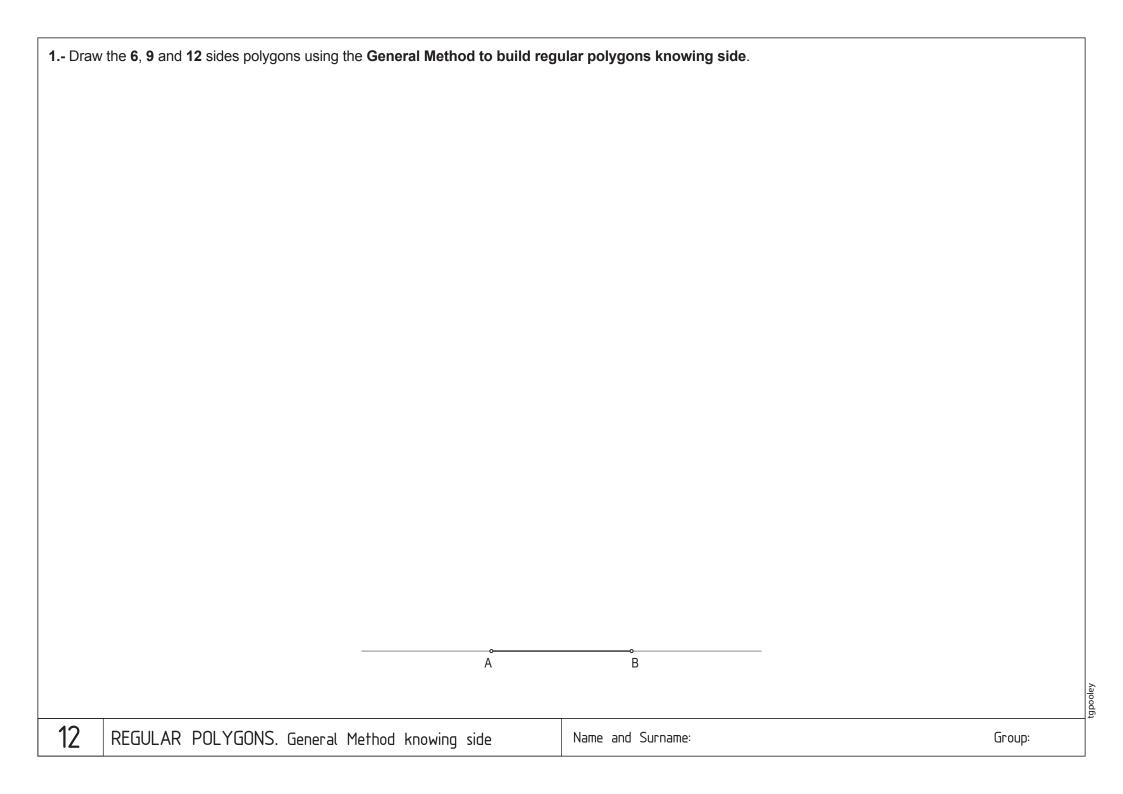
1 Draw	a Square knowing diagonal AC .	2 Draw a rectangle with given diagonal AC and side AD = 40	mm.
	Α C	Α C	
3 Draw	a Rhombus with given diagonals AC = 70 mm. and BD = 50 mm .	4 Draw the Rhomboid with given sides AB = 70 mm., AD = 50	mm. and
O Diaw	a raiombas war given diagonals Ac = 70 mm. and Bb = 60 mm.	diagonal AC.	min. and
		A	C
07a	QUADRILATERALS. PARALLELOGRAMS 2	Name and Surname:	Group:

1 Build the isosceles trapezium with given bases AB y CD and height h = 40 mm. C	2 Draw the rectangle trapezium with given bases AB = 60 mm., CD = 30 mm. and height h. h 4 Draw the trapezoid with given sides AB, BC = 25 mm., CD = 45 mm. and AD = 50 mm. and diagonal AC = 70 mm.
	A B
QUADRILATERALS. TRAPEZIUM AND TRAPEZOID.	Name and Surname: Group:

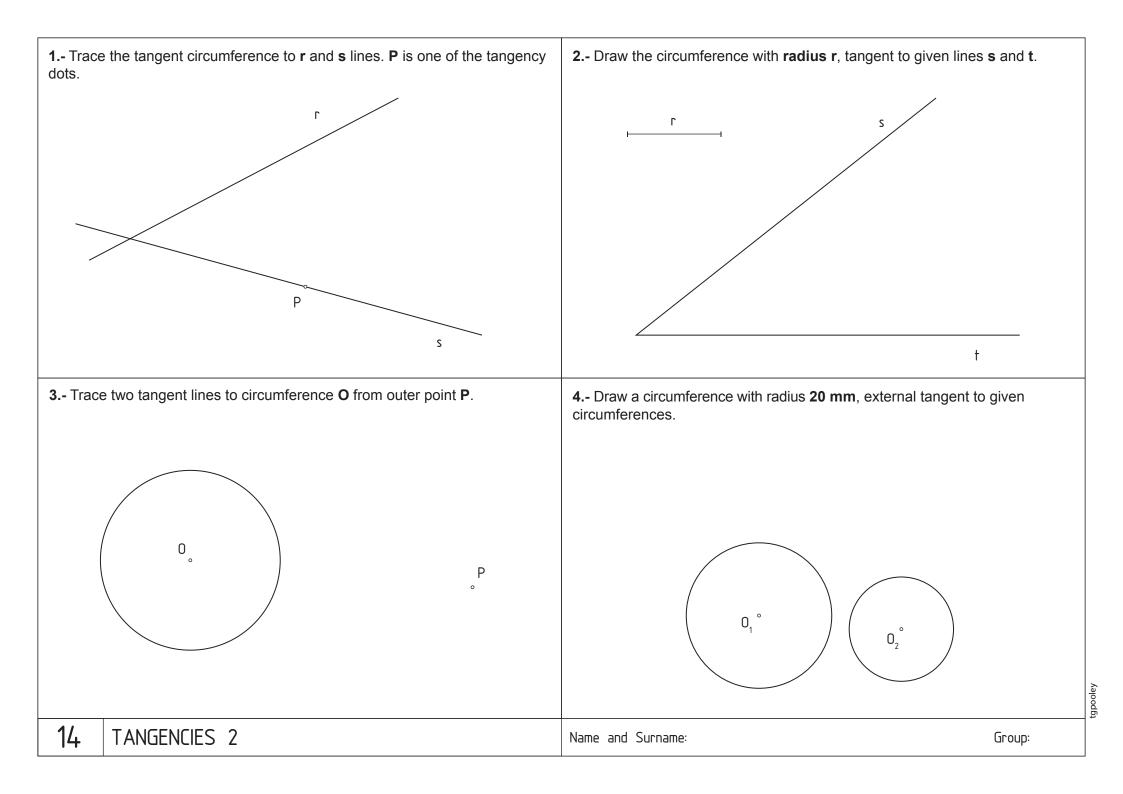


1.- Divide given circumference in 13 equal parts using the General Method to Divide a Circumference. 10 POLYGON CONSTRUCTION. General Method to Divide a Circumference Name and Surname: Group:

1 Build the regular pentagon knowing AB side.	2 Draw the regular pentagon knowing AB side.	
A B	A B	
3 Build the regular heptagon with given side AB .	4 With given AB side draw the regular octagon.	
		Alpooley
11 REGULAR POLYGONS. Knowing side	Name and Surname:	Group:



1 Draw a circumference tangent to line r on dot P with a radius of 25 mm .	2 Trace a tangent line to dot.	circumference O on P	3 Trace the circumference with radius 25 mm . external tangent to circumference O on P dot.
P r	0 °	P	O ° °
4 Find the circumference tangent to given circumference O on T dot, that go through dot P .	5 Draw the circumference A, B and C dots.	ce that passes through	6 Find the circumferences with radius 20 mm . tangent to line r that go through P dot.
O _° P	A。		P。
	В°		
		° C	L
13 TANGENCIES 1		Name and Surname:	Group:



1.- Draw the outer tangent lines to the given circumferences. **2.-** Draw the inner tangent lines to the given circumferences. TANGENCIES 3 15 Name and Surname: Group:

1 Draw the two center spiral with given centers A and B.	2 Trace la espiral de tres centros dados dos de ellos: A y B.	
	A _o B	
3 Dibuja la espiral cuyo centro es un cuadrado de 10 mm. de lado.	4 Traza la espiral de cinco centros dados todos ellos.	
	$E \xrightarrow{D} C$ $A \qquad B$	
16 TECHNIC CURVES. SPIRALS	Name and Surname: Gr	oup:

