	Reduced: ides Ratio		uare RST
#2) What is the actual ratio of perimeters for the <u>larger</u> polygon to the <u>smaller</u> polygon?	· · · · · · · · · · · · · · · · · · ·	7	<u>s</u>
#2a) Reduce the perimeter ratio:	· Z	_у	
#3) Calculate the areas of both polygons: larger polygon smaller polygon	5	10	
#4) Set up the ratio of areas (large to small):	W	× Q	R
#4a) Reduce the area ratio:			
#5) Compare the reduced forms of the ratios ma	thematically: (comp	are the quantities	<b>)</b> .
#1) What is the ratio of sides for the larger polygon to the smaller polygon? \$	Reduced: ides Ratio	Rect. Rect ABCD WXYZ	
#2) What is the actual ratio of perimeters for the larger polygon to the smaller polygon?	<b>D</b>	6c	
#2a) Reduce the perimeter ratio:	2		•
#3) Calculate the areas of both polygons: larger polygon smaller polygon	z	В	— у
#4) Set up the ratio of areas (large to small):	3		
#4a) Reduce the area ratio:	W		×
#5) Compare the reduced forms of the ratios ma	thematically: (comp	are the quantities	)
·			

	What is the ratio of sides for the er polygon to the smaller polygon?	Reduced: _ Sides Ratio		△ABC ~	AA'B'd
	What is the actual ratio of perimeters the larger polygon to the smaller polygon?			د. آ/	<b>,</b>
#2a)	Reduce the perimeter ratio:		c	15/1	18
#3)	Calculate the areas of both polygons: larger polygon smaller polygon	3	10/126	36 A'	20 B'
#4)	Set up the ratio of areas (large to small):				
#4a)	Reduce the area ratio:	A	40	B	÷
<i>#</i> 5)	Compare the reduced forms of the ratios	mathematic	ally: (comp	are the quanti	ties)
<u>larg</u> #2)	What is the ratio of sides for the er polygon to the smaller polygon?  What is the actual ratio of perimeters	Reduced: _Sides Ratio		A 4	-GH] —В
for t	he <u>larger</u> polygon <u>to</u> the <u>smaller</u> polygon?			2/11.5	2
#2a)	Reduce the perimeter ratio:		•	8	
#3)	Calculate the areas of both polygons: larger polygon smaller polygon		4	.3	-\F
#4)	Set up the ratio of areas (large to small):			7	\'.
#4a)	Reduce the area ratio:		Н	16	<del></del> -G
#5)	Compare the reduced forms of the ratios <u>r</u>	<u>nathematic</u>	ally: (comp	are the quanti	ties)

What is the ratio of sides for the larger polygon to the smaller polygon?  Sides Ratio  ABC ~ ADEF
#2) What is the actual ratio of perimeters for the larger polygon to the smaller polygon?
#2a) Reduce the perimeter ratio:
#3) Calculate the areas of both polygons: larger polygon smaller polygon
#4) Set up the ratio of areas (large to small):  A 12 B
#4a) Reduce the area ratio:
#5) Compare the reduced forms of the ratios <u>mathematically</u> : (compare the quantities)
#1) What is the ratio of sides for the larger polygon to the smaller polygon?  Reduced:  Sides Ratio
#2) What is the actual ratio of perimeters for the larger polygon to the smaller polygon?
#2a) Reduce the perimeter ratio:
#3) Calculate the areas of both polygons: larger polygon smaller polygon 20
#4) Set up the ratio of areas ( <u>large to small</u> ):
#4a) Reduce the area ratio:
#5) Compare the reduced forms of the ratios <u>mathematically</u> : (compare the quantities)
<u> </u>
$\cdot$

What is the ratio of sides for the 10 Reduced: 2 Square Square polygon to the smaller polygon? 5 Sides Ratio WXYZ QRST
#2) What is the actual ratio of perimeters for the larger polygon to the smaller polygon? Zo
#2a) Reduce the perimeter ratio: 2
#3) Calculate the areas of both polygons:  larger polygon 100  smaller polygon 25
#4) Set up the ratio of areas (large to small): 25 W X Q R
#4a) Reduce the area ratio: $\frac{4}{1}$
#5) Compare the reduced forms of the ratios <u>mathematically</u> : (compare the quantities)
Ratio of Perimeter = Ratio of Sides.
Ratio of Area = (Ratio of Sidas)2
#1) What is the ratio of sides for the 3 Reduced: 3 Rect. Rect ABCD WXYZ
#2) What is the actual ratio of perimeters for the larger polygon to the smaller polygon? 16
#2a) Reduce the perimeter ratio: $\frac{3}{2}$
#3) Calculate the areas of both polygons:  larger polygon 27  smaller polygon 12  27  3
#4) Set up the ratio of areas (large to small): 12
#4a) Reduce the area ratio: 4
#5) Compare the reduced forms of the ratios <u>mathematically</u> : (compare the quantities)
Ratio of Perimeter = Ratio of Sides
Ratio of Area = (Ratio of Sides)

#1) What is the ratio of sides for the 30 Reduced: 2 larger polygon to the smaller polygon? 15 Sides Ratio 1
#2) What is the actual ratio of perimeters 106 for the larger polygon to the smaller polygon? 52
#2a) Reduce the perimeter ratio: $\frac{2}{1}$
#3) Calculate the areas of both polygons: larger polygon 520 smaller polygon 130
#4) Set up the ratio of areas (large to small): 130
#4a) Reduce the area ratio: 4
#5) Compare the reduced forms of the ratios <u>mathematically</u> : (compare the quantities)
Ratio of Perimeters = Ratio of Sides
Ratio of Areas = (Ratio of Sides)?
#1) What is the ratio of sides for the $\frac{4}{2}$ Reduced: $\frac{2}{1}$ ABCD ~ EFGH
#2) What is the actual ratio of perimeters for the larger polygon to the smaller polygon? 16
#2a) Reduce the perimeter ratio: 2 8
#3) Calculate the areas of both polygons: larger polygon 36 smaller polygon 9  4
#4) Set up the ratio of areas (large to small): 9
#4a) Reduce the area ratio: 16
#5) Compare the reduced forms of the ratios <u>mathematically</u> : (compare the quantities)
Ratio of Perimeters = Ratio of Sides
Ratio of Arecs - (Ratio of Sides)2

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What is the ratio of sides for the legal Reduced: 2  larger polygon to the smaller polygon? 8 Sides Ratio 1
#2) What is the actual ratio of perimeters $\frac{48}{24}$ for the larger polygon to the smaller polygon? $\frac{24}{8}$
TLAI NEHIWE DE DEDINERT TANOVAL
#3) Calculate the areas of both polygons: larger polygon 96 smaller polygon 24
#4) Set up the ratio of areas (large to small): Z4  A 12  B
#4a) Reduce the area ratio:
#5) Compare the reduced forms of the ratios mathematically: (compare the quantities)  Ratio of Perimeters = Ratio of Sides
Ratio of Arecs = (Rotio of sides)2
#1) What is the ratio of sides for the 15   Reduced: 1   Sides Ratio   S
#2) What is the actual ratio of perimeters $\frac{60}{12}$ for the larger polygon to the smaller polygon? $\frac{5}{12} = \frac{40}{15} = \frac{40}{15} = \frac{40}{15}$
F. UN=3 M 202+152=C2
#2a) Reduce the perimeter ratio:
#4) Set up the ratio of areas (large to small): $\frac{1}{6}$ #4a) Reduce the area ratio: $\frac{25}{1}$ #5 A 15 A
#5) Compare the reduced forms of the ratios <u>mathematically</u> : (compare the quantities)
Ratio of Perineters = Ratio of Sides