	Score	-1/2 for towns/counties wit		Place			
	Team Name	Answer Key		Team # <u>AK</u>			
	Students' Names _	<u>Ar</u>	nswer Ke <u>y</u>				
	Answer Sheet						
	1. (2 pts) Nashville is the state capital of Tennessee		19. (2 pts) <u>The red "T"s mark a</u>		mentioning time zones but not boundary. 201 if off by 1. No credit if off		
2. Do NOT							
						accept N-13	2. (1 pt) <u>L-39</u>
4. Does not	3. (1 pt) <u>BNA</u>	Tennessee or providing an incorrect state1/2 for just	<u>27.</u>		- fine.		
need units	4. (1 pt) <u>14</u>	saying "capital"1 for	22. (1 pt) <u>H-19</u>	-			
5. Also		choosing an incorrect type of capital (e.g. national capital)	23. (1 pt) <u>Jessami</u>	ne County	24. ALL other		
accept 40	5. (1 pt) <u>I-40</u>	capital (e.g. flational capital)	24. (1 pt) <u>Lexington</u>	-Blue Grass Army	answers/		
8. Also accept	6. (1 pt) <u>False</u>	_	Depot		variations		
"circle" for oval"1 for just saying	· · /				receive no credit		
oval/circle and	8. (2 pts) <u>The number 155 is placed</u>		II. Topographic Map (52 points)				
nothing else1/2 for not	inside an oval, v	vhich is the shape	25.(1 pt) <u>2000 feet</u>		27. Full credit if they demonstrate		
connecting the	that indicates a	state route.	26. (1 pt) <u>20 feet</u>		understanding of		
symbol to its meaning	9. (2 pts) <u>Interst</u>	ate 65_(also accept	27. (3 pts) Latitude an	al lana alterala la sala	why longitude distances change.		
0	65 or 1-65)		approximately equ	ual at the equator.	-2 if they mix up		
11. No credit if	10. (1 pt) <u>a. 16A</u>		but as latitude inci	-	latitude and longitude1 if		
Cumberland River is not in the		erland River	distance between	longitudo linos	their answer		
answer.	(-1 for each	extra waterway)			implies that lat and long are		
	12. (1 pt) <u>58 minu</u>		decreases since the	ie Laitii is iess	never equal1		
	13. (1 pt) <u>Welcome</u>		wide closer to the		for minor lat/ long inaccuracies,		
151/2 for just	14. (1 pt) <u>Customs</u>		28. (2 pts) <u>3 ½ degre</u>	ees west	-2 for major ones.		
having second				:	28. 1 pt for		
part of this answer1 for		stations are found at	29. (3 pts) No, because		amount, 1 pt for direction		
just having first		ders, and there are	control of the Third	teen Colonies	29. No credit for		
part. No credit if they do not allude to inter- national borders.	no international	borders on this map.	when PLSS was f	irst instituted, so it_	saying "Yes". 1.5		
			noco ine ineleo ana nanno ovoleni.		pts for saying "No". 1.5 pt for		
	16. (1 pt) <u>d. Washi</u>	ngton_			correct reason.		
	17. (1 pt) _Rocky Hi	ill, KY	30. (1 pt) <u>Buckeye Q</u>	uadrandle	Either KY's use of metes and		
	18. (1 pt) <u>J-14</u>		· · · · —————	<u>-</u>	bounds or the 13		
	1				colonies' control of KY when PLSS		
		-1/2 for towns/counties wit		,	was started may		
-1/2 for measurements without units be mention							

be mentioned for full credit.

	Score	-1/2 for measurements	without units	Place50. 1 pt for steep, 1 pt fo	- r not good
32. ½ credit for anything in the ranges of 930-934 or 940 ft. 33. ½ credit for 840 ft	31.(1 pt) <u>SW7 (or 7)</u>		escape route 50. (2 pts) <u>It is steep, so it would not</u>		
	32. (1 pt) <u>between 935-939 feet</u>		make a good esca	po routo.	51. 1 pt for lower,
	33. (1 pt) <u>between 821-839 feet</u> 34. (1 pt) <u>936 feet</u>		51. (2 pts) It will be lower because the contour lines are further apart along the KY Rive or higher st		
36.(1 pt) <u>west by southwest (WSW)</u>		52. (6 pts, 2 pts bonus) Use graph on	acceptable.	
381/2 for	37.(1 pt) <u>947 feet</u>		page 3 of this sheet.		531/2 for missing N or E.
missing N or W. Full credit for within 5",	38. (2 pts) <u>37°47'4</u>	7" N, 84°32'55" W	53. (2 pts) <u>4187000 N</u>	N, 718620 E	Full credit for within 50 m, -1/2 for within 100 m.
-1/2 for within 10"1 for off by more.	39. (2 pts) <u>Sulphur V</u>	Vell School	54. (2 pts) <u>3650 feet</u>		-1 if off by more. 54. Full credit
·	40. (1 pt) <u>0</u>		III. Student Created I	Map (16 points)	for within 50 ft, -1 for within 100 m. No credit if
41. 1 pt for mentioning it	41.(2 pts) A bypass	is a roadway that	Draw map on space p	rovided on page 4	
is a road, 1 pt for	diverts traffic around a more		of this sheet.		
demonstrating understanding of its divertive nature	congested area.		 1. 1 point 2. 1 point 		
44. ½ pt for each correct direction1/2 if within 2° of the answers, -1 if within 3° or more.	42. (1 pt) <u>b. 1988</u> 43. (1 pt) <u>Business</u> 44. (2 pts) <u>N 17° E</u> 45. (2 pts) <u>The bypa</u> from B.R. 27. B.	or N 18° E	 3. 3 points 4. 2 points 5. 2 points 6. 1 point 7. 1 point 		
45. Any of these answers	route for the byp	ass, which is Route_	8. 1 point		
is acceptable	27. Route 27 use	ed to go into town,	9. 2 points		
for full credit, as long as they mention both B.R. 27 and	but the bypass to 46. (1 pt) _Medium o	urned it into B.R. 27. duty	10.1 point 11.1 point		
the bypass	47. (2 pts) No, beca	use there is no	IV. Tiebreakers		
47. 1 pt for "no", 1 pt for explanation	bridge that cross River.	ses the Kentucky	1. <u>30</u> 2. <u>Marcia McNutt</u>		
48/49. Full credit if within 5% of answer, -1 if within	48. (2 pts) <u>4.8%</u> 49. (2 pts) <u>34.4 %</u>		3. <u>March 3, 1879</u>	Tiebreakers 1 and 3: Closest answer wins	-
10%, no credit		1/2 for towns /ssuretise	with no state identifiers	tiebreaker	

-1/2 for towns/counties with no state identifiers

-1/2 for measurements without units

if more than

10% off.

-1/2 for towns/counties with no state identifiers

Score	Place	
50		
50.		
1		

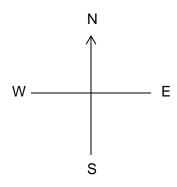
Profile Rubric:

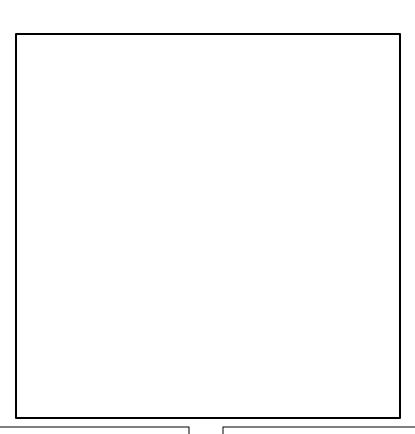
- 4 points shape (-½ for minor shape errors, no credit if following features are indistinguishable)
 - o Peaks (1.5 point)
 - Valleys (1.5 point)
 - o Plateau (1 point)
- 1 point axes labeled with units correctly so it matches with profile
 - o -1/2 for no units, -1/2 if labels and profile shape differ by 20 feet or less
 - o No credit if labels and profile shape have a difference of over 20 feet
- ½ point for each correctly labeled church
- Bonus
 - o ½ point for each correctly labeled road/stream

Score	Place
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Student Created Map

The square below represents one section (one square mile). Please draw the requested features within the square. The scale is 1:15840 which means that 1": 1/4 mile or 1": 15840".





- 1. (1 pt); -1/2 for placement other than center
- 2. (1 pt); ½ point for each label (placement/format)
- 3. (3 pts); ½ for correct entrance, ½ for first azimuth, ½ for start of curve, ½ final azimuth, ½ for smooth curve, ½ for not entering specified section
- 4. (2 pts); 1 pt for correct start, 1 pt for correct azimuth
- 5. (2 pts); ½ pt for correct entrance, ½ for correct exit, 1 pt for correct boundary format

- 6. (1 pt); ½ pt for symbol, ½ pt for placement
- 7. (1 pt); $\frac{1}{2}$ pt for symbol, $\frac{1}{2}$ pt for position in relation to church
- 8. (1 pt); ½ pt for location, ½ pt for distribution
- 9. (2 pt); $\frac{1}{2}$ pt for location, $\frac{1}{2}$ pt for spot elevation, $\frac{1}{2}$ pt for number of contours, $\frac{1}{2}$ pt for index contour at 700 ft (- $\frac{1}{2}$ if contours are not approx. circular)
- 10. (1 pt); ½ pt for symbols, ½ pt for locations
- 11. (1 pt); ½ pt for S of highway, ½ pt for E of boundary, -½ if shaded incorrectly