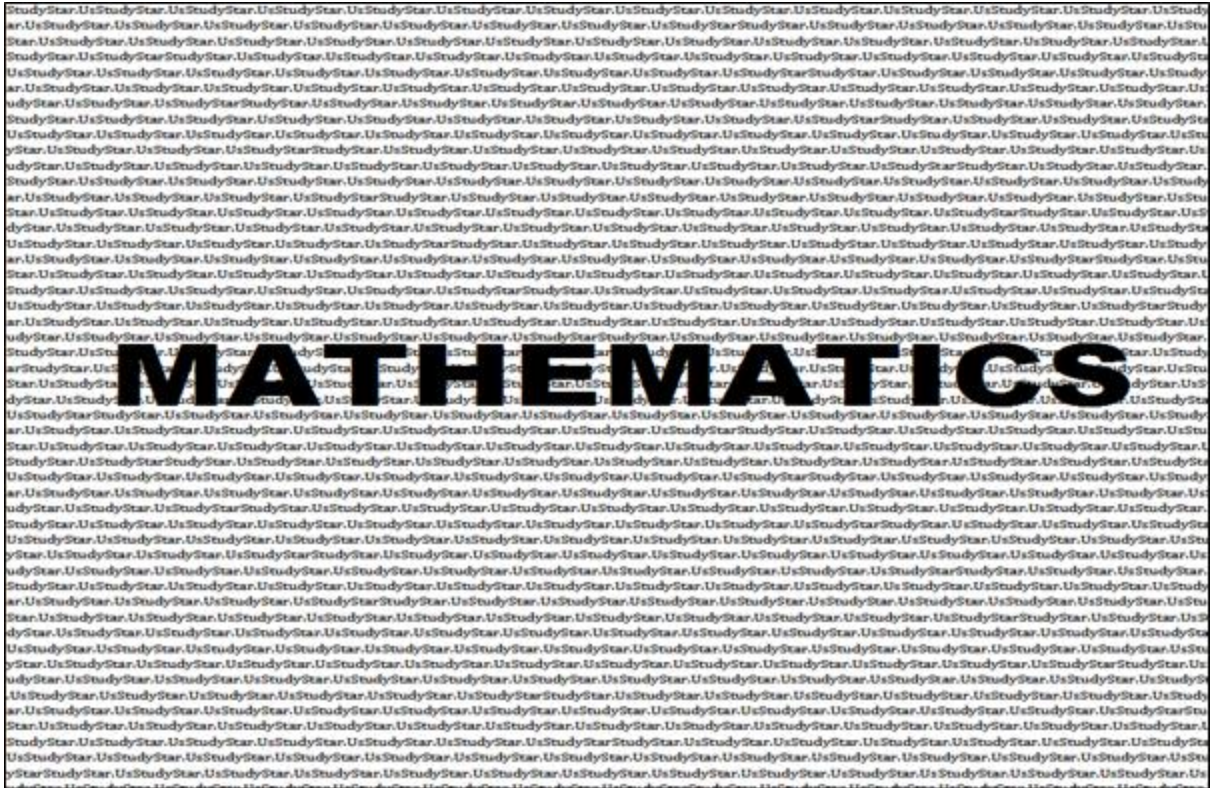




ANSWER SCHEME

Earth Geometry

Section A

1. 90°
2. 5400nm
3. 1800 knots
4. 120°
5. 8 hours
6. $7200 \cos 30^\circ$ nm
7. $1440 \cos 30^\circ$ knots
8. 6 hours
9. 10 010km
10. 13 30 hours

Section B

11. 120°
12. 13 900nm
13. 7 200 nm
14. A(60°N , 51°W)
B(80°S , 51°W)
15. 520.9 nm



A top student's secret tool