

Tarheel Surveyor Spring 2020 Problem Corner Answer

| | A | B | C | D | E | F | A | |
|----------------------------|----------------|---|----------------|----------------|----------------|----------------|----------------|--|
| East A x north B and so on | 372,918.672 | 508,389.153 | 454,525.872 | 229,454.277 | 95,917.126 | 45,293.213 | | |
| EAST | <u>207.453</u> | <u>666.737</u> | <u>688.350</u> | <u>839.008</u> | <u>604.048</u> | <u>323.936</u> | <u>207.453</u> | |
| NORTH | 559.319 | 738.562 | 541.742 | 379.861 | 296.009 | 218.330 | 559.319 | |
| North A x east B and so on | 153,216.903 | 361,199.436 | 261,477.319 | 248,429.430 | 131,881.800 | 181,183.560 | | |
| | | | | | | | | |
| | 1,706,498.313 | Sum of norths x easts | | | | | | |
| | 1,337,388.447 | Sum of easts x norths- | | | | | | |
| | 369,109.866 | Sum of norths x easts; minus the Sum of easts x norths- | | | | | | |
| | 184,554.933 | divided by 2 | | | | | | |
| Acres | 4.237 | divided by 43,560 sq. ft. | | | | | | |