

[illegible]

2019-2020 Preliminary Round

4th Grade Math Competition

Lovett

0 **Bremen**

Swainsboro
Area 2 - Team 3

Bremen
Area 4 - Team 2

80 **Lovett**

6 **Rabun Co**
Area 8 - Team 4

76 **Lovett**
Area 6 - Team 1

Lamar Co

24 **Model**

45 **Model**
Area 7 - Team 3

34 **Elbert Co**
Area 5 - Team 2

53 **Lamar Co**

6 **Dodge Co**
Area 1 - Team 4

78 **Lamar Co**
Area 3 - Team 1

Jan 15

Jan 15

County	Area	Team	Count
Jasper County	Area 3	Team 3	19
Berrien	Area 1	Team 2	60
Berrien	Area 5	Team 4	12
Dade Co	Area 7	Team 1	71
Union Co	Area 8	Team 3	38
Pace Acad	Area 6	Team 2	39
E Laurens	Area 2	Team 4	48
Haralson Co	Area 4	Team 1	48

The dendrogram illustrates the hierarchical clustering of 10 sampling areas. The areas are grouped into three main clusters: Fannin Co (areas 30, 48, 3, 76), Pepperell (areas 0, 80), and Cook (areas 12, 64). The dendrogram shows the distance between clusters and individual areas, with the final merge of all areas occurring at a distance of 100.

Area	Team	County
30	Area 4 - Team 3	Fannin Co
48	Area 2 - Team 2	Fannin Co
3	Area 6 - Team 4	Fannin Co
76	Area 8 - Team 1	Fannin Co
0	Area 5 - Team 3	Pepperell
80	Area 7 - Team 2	Pepperell
12	Area 3 - Team 4	Cook
64	Area 1 - Team 1	Cook

FIRST & SECOND ROUND: The No. 1-seeded team will host the other three teams in that portion of the bracket. Following the second round, the remaining teams will be seeded into the championship brackets.