

## Ohio Grade 4 Mathematics Blueprint

| Reporting Category          | Standards |        |         |         | Approximate Portion of Test |
|-----------------------------|-----------|--------|---------|---------|-----------------------------|
| Multiplication and Division | 4.OA.1    | 4.OA.5 | 4.NBT.1 | 4.NBT.5 | 33% – 43%                   |
|                             | 4.OA.2    | 4.MD.2 | 4.NBT.2 | 4.NBT.6 |                             |
|                             | 4.OA.3    | 4.MD.3 | 4.NBT.3 |         | 17 – 21 points              |
|                             | 4.OA.4    |        | 4.NBT.4 |         |                             |
| Fractions                   | 4.NF.1    | 4.NF.4 | 4.NF.7  |         | 33% – 43%                   |
|                             | 4.NF.2    | 4.NF.5 | 4.MD.1  |         | 17 – 21 points              |
|                             | 4.NF.3    | 4.NF.6 | 4.MD.4  |         |                             |
| Geometry                    | 4.MD.5    | 4.G.1  |         |         | 21% – 27%                   |
|                             | 4.MD.6    | 4.G.2  |         |         | 11 – 13 points              |
|                             | 4.MD.7    | 4.G.3  |         |         |                             |
| <b>Total Test</b>           |           |        |         |         | 49 – 51 points              |

Modeling and Reasoning\*  
(minimum 20%)

The foundation for this blueprint is Ohio's [Critical Areas of Focus](#). The green shading identifies critical areas at each grade level that educators can use to build their curriculum and guide their instruction.

\*The Modeling and Reasoning category is dependent on the other standards for content. Items assessing this category are embedded within the other standards.