**Massachusetts Middle Grades Mathematics Content Knowledge Test 47**

**(MTEL Mathematics Middle School 47)**

**Alignment to *NCTM CAEP Mathematics Content for Middle Grades (2012)***

**(Based on a joint collaboration by NCTM and Pearson)**

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| **Mathematical Domain**  | **Competency Addressed** | **Technology and Varied Representational Tools Including Concrete Models** |
| B.1 Number Systems | B.1.1, B.1.2, B.1.3  | None |
| B.2 Algebra | B.2.1, B.2.4 | None |
| B.3 Geometry and Trigonometry | B.3.2, B.3.3, B.3.4, B.3.5, B.3.6, B.3.7, B.3.8, B.3.9 | None |
| B.4 Statistics and Probability | B.4.3, B.4.4, B.4.5 | None |
| B.5 Calculus | B.5.1 | None |