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**Algebraic Expressions & Equations Dominoes**

Grades 5–6

Item # 211241

**Area and Perimeter Dominoes**

Grade 3

Item # 211242

**Volume Measurement Dominoes**

Grades 5–6

Item # 211244



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**Angle Measurement Dominoes:  
Complementary Angles and  
Supplementary Angles**

This product include two sets of dominoes, color coded by set. The yellow set covers complementary angles; the blue covers supplementary angles. You may choose to let students work out answers in writing or encourage mental math and math discourse during use. There are many ways to use the dominoes, including the following simple games:

### **Standard Dominoes**

**Players: 2–4:** If 4 are playing the game, it may be played as teams of two.

**Drawing:** Shuffle the dominoes and place them facedown. Divide the dominoes equally between the players. Any left-over dominoes are put aside.

**Object of the game:** Be the first player or team to correctly lay down all dominoes. Dominoes are laid end to end or side by side (the touching ends or sides must match: i.e., an answer matches an area or perimeter illustration). Play begins with the first player laying down any domino. Play progresses clockwise with each player laying down a correct match on their turn, or passing if this is not possible.

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### **Draw Dominoes**

**Players: 2–4:** If 4 are playing the game, it may be played as teams of two.

**Set up:** Shuffle the dominoes and then place half of them facedown and the other half face up. Make as many matches as possible.

**Object of the game:** Be the first player or team to correctly lay down the last of the facedown dominoes. Dominoes are laid end to end or side by side (the touching ends or sides must match: i.e., an answer matches an equation or expression). Play begins with the first player drawing a domino. If the player can make a match, he or she does so and draws another. Players continue to draw and play until no match can be made. The domino is then returned to the board facedown, and all dominoes are shuffled.

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Play progresses clockwise in the same manner, until all the dominoes are played.

### **Math Standards Addressed:**

Geometric measurement: Understand concepts of angle and measure angles.

- Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint, and understand concepts of angle measurement:
  - Recognize angle measure as additive.
  - Solve addition and subtraction problems to find unknown angles on a diagram in real-world and mathematical problems, e.g., by using an equation with a symbol for the unknown angle measure.

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