### Multiplication to Fractions

- Previous understandings of multiplication
- Apply and extend familiarity with multiplication
- Multi-digit multiplication, equation, and solve a proportion

#### Related Standards: Current Grade Level

- Draw pictures to represent multiplication concepts
- Write multiplication expressions and equations to represent pictures
- Understand that in a multiplication equation, the first factor represents the number of groups and the second factor the number of objects in each group
- Model skip counting on a number line
- Understand multiplication as combining equal groups of objects
- Draw a model in which a total number of objects can be expressed as $5 \times 7$

#### Concept and Skills to Master

- Standard 3.OA.A.1: Interpreting products of whole numbers, such as interpreting $5 \times 7$ as a total number of objects in $5$ groups of $7$ objects each. For example,

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