# M.EE.6.NS.3

# Solve two-factor multiplication problems with products up to 50 using concrete objects and/or a calculator.

* Initial Precursor: Recognize separateness
  + Untested: Combine
    - Untested Combine sets
      * Untested: Demonstrate the concept of addition
        + Distal Precursor: Explain repeated addition

Distal Precursor: Represent repeated addition with an equation

Distal Precursor: Solve repeated addition problems

Proximal Precursor: Demonstrate the concept of multiplication

Target: Multiply by 1

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 2

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 3

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 4

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 5

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Initial Precursor: Recognize set

* + - Initial Precursor: Recognize subset
      * Untested: Combine sets
        + Untested: Demonstrate the concept of addition

Distal Precursor: Explain repeated addition

Distal Precursor: Represent repeated addition with an equation

Distal Precursor: Solve repeated addition problems

Proximal Precursor: Demonstrate the concept of multiplication

Target: Multiply by 1

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 2

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 3

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 4

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5

Target: Multiply by 5

Successor: Apply the relationship between multiplication and division

Successor: Divide by 1

Successor: Divide by 2

Successor: Divide by 3

Successor: Divide by 4

Successor: Divide by 5