**Multiplication**:

How can you use playdough to represent the “groups of” question?

**Multiplication**:

How can you use playdough to represent the “groups of” question?

**Multiplication**:

How can you use Cuisenaire rods to represent your question?

**Multiplication**:

How can you use Cuisenaire rods to represent your question?

**Multiplication**:

How can hundreds charts help you think about your question?

**Multiplication**:

How can hundreds charts help you think about your question?

**Multiplication**:

How can number lines help you think about your question?

**Multiplication**:

How can number lines help you think about your question?

**Multiplication**:

What items come in “groups of”? Can you think of items for numbers 1 – 12?

 **Multiplication**:

What items come in “groups of”? Can you think of items for numbers 1 – 12?

**Multiplication**:

How might squares and rectangles help you to think about your question?

**Multiplication**:

How do squares and rectangles help you to think about your question?

**Multiplication**:

How do T charts help us to count groups of items?

**Multiplication**:

How do T charts help us to count groups of items?

**Multiplication**:

How many different ways can you represent your question?

**Multiplication**:

How many different ways can you represent your question?

**Multiplication**:

How might you use these materials to think about your question?

**Multiplication**:

How might you use these materials to think about your question?

**Multiplication**:

Look at these images. How might you describe them?

**Multiplication**:

Look at these images. How might you describe them?

 **Multiplication**:

How can the math racks help you think about your question?

**Multiplication**:

How can the math racks help you think about your question?

 **Multiplication**:

How can you represent your question using base 10 blocks?

**Multiplication**:

How can you represent your question using base 10 blocks?

**Multiplication**:

How can you represent your question using ten frames?

**Multiplication**:

How can you represent your question using ten frames?

**Multiplication**:

Look at the pages from the story. What questions can you ask that multiplication can help you solve?

**Multiplication**:

Look at the pages from the story. What questions can you ask that multiplication can help you solve?

**Multiplication**:

How are repeated addition and multiplication connected?

**Multiplication**:

How are repeated addition and multiplication connected?

**Multiplication**:

I see \_\_\_\_ groups of \_\_\_.

What could I be looking at?

 **Multiplication**:

I see \_\_\_\_ groups of \_\_\_.

What could I be looking at?

**Multiplication**:

Fish like to swim in schools (groups) Pick a number of fish. How many different equal groups can be made from your fish?

**Multiplication**:

Fish like to swim in schools (groups) Pick a number of fish. How many different equal groups can be made from your fish?

**Multiplication**:

I see \_\_\_\_ rows of \_\_\_.

What could I be looking at?

**Multiplication**:

I see \_\_\_\_ rows of \_\_\_.

What could I be looking at?

**Multiplication**:

How are multiplication and division connected? Can you build a model to explain your thinking?

**Multiplication**:

How are multiplication and division connected? Can you build a model to explain your thinking?

**Multiplication**:

How does halving and doubling assist you with multiplication?

**Multiplication**:

How does halving and doubling assist you with multiplication?

**Multiplication**:

What happens when you multiply an even number x even number?

Or an odd number x odd number?

Or an odd number x even number?

**Multiplication**:

What happens when you multiply an even number x even number?

Or an odd number x odd number?

Or an odd number x even number?

**Multiplication**:

Using square tiles represent a multiplication question that has the same factors (e.g., 7 x 7) in an array.

What do you notice? What do you wonder?

**Multiplication**:

Using square tiles represent a multiplication question that has the same factors (e.g., 7 x 7) in an array.

What do you notice? What do you wonder?

**Multiplication**:

What multiplication game(s) can you create?

**Multiplication**:

What multiplication game(s) can you create?

**Multiplication**:

Create a scene. What multiplication stories can you tell?

**Multiplication**:

Create a scene. What multiplication stories can you tell?

**Multiplication**:

What patterns do you see in the multiplication chart?

**Multiplication**:

What patterns do you see in the multiplication chart?