Division and Multiplication Operations with Absolute Value Lesson
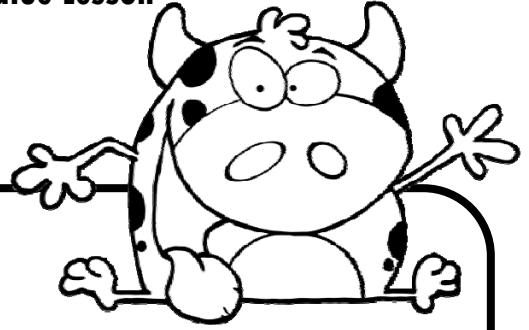
Complete the problems below.

1. Multiplication: - | -8 | x | 7 | =

2. Division: - | 46 | ÷ | -2 | =

When working with absolute value operations always find the absolute value first. Remember that the absolute value is just a value for the value of 0.

Explanation #1:

Step 1) Find the absolute vale of the integers:

- | -8 | x | 7 | =

- 8 x 7 =   Note that the negative sign was outside the brackets and is not changed.

Step 2) Find the product.   - 8 x 7 = -56

Explanation #2:

Step 1) Find the absolute vale of the integers:

- | 46 | ÷ | -2 | =

- 46 ÷ 2 =   Note that the negative sign was outside the brackets and is not changed.

Step 2) Find the quotient. - 46 ÷ 2 =   -23