

Solve the word problems:

- a) Sophie, Tom, and Betty planted 8 flowers on the first day. The next day they planted 10 flowers. How many flowers did they plant in those two days?
- b) Sophie, Tom, and Betty continued to plant 8 flowers per day for the next 10 days. How many flowers did they plant in those 10 days?
- c) Betty spends *x* minutes watering the flowers every day. How many minutes in total did she spend watering flowers after *q* days?



Order of operations with multiplication and division.

Operations of multiplication and division precede the operations of addition and subtraction. Operations of multiplication and division are performed in the order they are written. Parentheses are used to modify this order of operations

- 4 Indicate the order of operations in the following expressions. Evaluate when possible.
 - $a + x \times 12 + q$ $m \times n p \div z$ $12 + 8 \div 4 2 =$
 - $(a+x) \times 12 + q$ $m \times (n-p) \div z$ $(12+8) \div 4 - 2 =$

 $a + x \times (12 + q)$ $(\mathbf{m} \times \mathbf{n} - \mathbf{p}) \div \mathbf{z}$ $12 + 8 \div (4 - 2) =$

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Finding Areas of Rectangles and Commutative Property of Multiplication

A rectangle is 4 cm long and 3 cm wide. Find the area of the rectangle in square 7 centimeters.

Look at the two ways to solve the problem:





The area of a rectangle equals the product of its sides: $S = a \times b = b \times a$

Measure the sides of the blue rectangles in centimeters and calculate their areas: 8





