

Friendly Notes

Addition and Subtraction

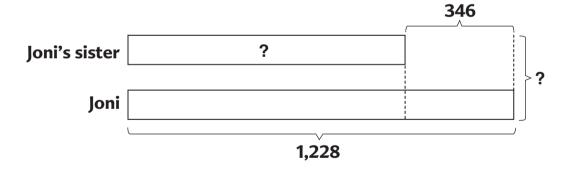
When we add two or more numbers, we get their **sum**.

When we subtract two or more numbers, we find their **difference**.

We can draw models to help us with addition and subtraction.

Joni has 1,228 seashells. Her sister has 346 fewer seashells than Joni.

- (a) How many seashells does Joni's sister have?
- (b) How many seashells do they have altogether?



- (a) 1,228 346 = 882 Joni's sister has 882 seashells.
- (b) 1,228 + 882 = 2,110They have 2,110 seashells altogether.

Multiplication and Division

When we multiply two or more numbers, we find their **product**. When a number is divided by another number exactly, the answer is the **quotient**. When a number is not exactly divided by another number, the answer is the quotient and the **remainder**.

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We can multiply a 3-digit number by a 2-digit number as follows:

1. Find the product of 297 and 29.

$$297 \times 29 = 297 \times 30 - 297$$

 $297 \times 30 = 8,910$
 $8,910 - 297 = 8,613$
 $297 \times 29 = 8,613$

We can divide a 4-digit number by another number as follows:

2. Find the value of $3,468 \div 6$.

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