

Dear Family,

During the next few weeks our math class will be learning and practicing addition and subtraction facts through 20. This is an extension of what we learned in Unit 1.

You can expect to see homework that provides practice with addition and subtraction facts.

As we learn about related facts and fact families, you may wish to keep the following sample as a guide.

Related Facts

$$9 + 8 = 17 \qquad 17 - 8 = 9$$

Fact Family

$$\begin{array}{r} 7 \\ + 9 \\ \hline 16 \end{array} \qquad \begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array} \qquad \begin{array}{r} 16 \\ - 9 \\ \hline 7 \end{array} \qquad \begin{array}{r} 16 \\ - 7 \\ \hline 9 \end{array}$$

Knowing addition facts can help children learn the related subtraction facts.

Sincerely,

We will be using this vocabulary:

addend one of the numbers added in an addition problem

sum result of an addition problem

fact family related addition and subtraction facts

order property Changing the order of the addends does not change the sum.
 $8 + 7 = 15$; $7 + 8 = 15$

grouping property Changing the grouping of the addends does not change the sum.

$$7 + (2 + 8) = 17; (7 + 2) + 8 = 17$$