

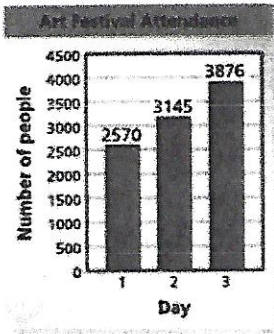
Essential Question: How can we use whole number operations to help us solve problems?

Sum: the answer to an addition problem.

Difference: the answer to a subtraction problem.

Product: the answer to a multiplication problem.

Quotient: the answer to a division problem.

Question	Steps/Hints	Examples
How do you know which operation to choose? a) total means to add b) difference means subtraction	Look for <u>key words</u> . 	The bar graph shows the attendance for a three day art festival. a. What is the <u>total</u> attendance for the three days? Day 1 + Day 2 + Day 3 $\begin{array}{r} 2,570 \\ 3,145 \\ 3,876 \\ \hline 9,591 \end{array}$ <p>9,591 people</p> b. What is the <u>difference</u> in attendance from day 1 to day 2? Day 2 - Day 1 $\begin{array}{r} 3,145 \\ -2,570 \\ \hline 575 \end{array}$ <p>575 people</p>

A school lunch contains 12 chicken nuggets. Ninety-five students buy the lunch. What is the total number of chicken nuggets served?

$$\begin{array}{r} 12 \times 95 \\ \times 95 \\ \times 12 \\ \hline 190 \\ + 950 \\ \hline 1140 \end{array}$$

1,140 chicken nuggets

Find the value of the expression. Use estimation to check your answer.

1. $1745 + 682$

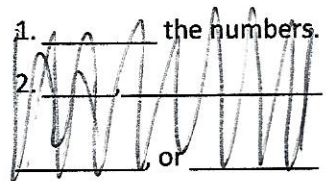
$$\begin{array}{r} 1745 \\ + 682 \\ \hline 2427 \end{array}$$

2. $912 - 799$

$$\begin{array}{r} 912 \\ - 799 \\ \hline 113 \end{array}$$

3. 42×118

$$\begin{array}{r} 42 \\ \times 118 \\ \hline 236 \\ + 4720 \\ \hline 4956 \end{array}$$



Summary: In this lesson, we learned how to look for key words and use whole number operations to solve problems.
For example, the word total means to add. Key words help us decide what operation to use.