

WORD PROBLEMS



Unit Overview

In this unit, you will be choosing equations for word problems. Look closely at the key words to help you decide to add, subtract, multiply, or divide.

Addition, Subtraction, Multiplication, and Division

Addition

Use ADDITION to put “together” two or more amounts.

Add (+) to find the *total* amount.

Example Addition Word Problem:

A large company is hosting a conference. So far, **364** people from the United States have signed up, as well as **754** people from other countries. What is the **total** number of people who have signed up?

$$\begin{array}{r} 364 \\ + 754 \\ \hline 1118 \end{array}$$


The total number of people who signed up for the conference is **1,118**.

Click on the link to watch the video "[Fence posts for horses](#)".




Subtraction

Use SUBTRACTION to find the DIFFERENCE. When subtracting, “take away” one quantity from another quantity.

Subtract (−) to find how much *more* one quantity is than the other.

Example Subtraction Word Problem:

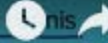
Sweets Baking Company had **873** eggs. Then employees used **3** eggs to make peach cobbler. How many eggs are **left**?

$$\begin{array}{r} 873 \\ - 3 \\ \hline 870 \end{array}$$


There are **870 eggs** left.

Click on the link to watch the video "[Losing tennis balls](#)".



Losing tennis balls | Addition and subtraction within 100.19 

balls get thrown over the fence and 6 tennis balls just disappear.

How many tennis balls does Mrs. Wang's class have left?

45 LOSING TENNIS BALLS 



Multiplication

Use MULTIPLICATION to FIND the amount for MANY when given the amount for one.

Multiply (\times) to *find many* when *given one*.

Example Multiplication Word Problem:

A candy factory makes 4 pieces of candy each day. **How many** pieces of candy will the factory make in 4 days?

$$4 \times 4 = 16$$



The candy factory will make **16 pieces of candy** in 4 days.

Click on the link to watch the video "[How many cars can fit into a parking lot](#)".



Division

Use DIVISION to FIND the amount for ONE when given the amount for many.

Divide (\div) to *find one* when *given many*.

Example Division Word Problem:

It takes **3** stamps to mail a package. If Greg has **12** stamps, **how many packages can he mail?**

$$12 \div 3 = 4$$



Greg can mail **4 packages**.

Click on the link to watch the video "[Average height of a building's floor](#)".

Average height of a building's floor | Multiplication and d...  

Math-Avenue. It has 200 windows and has 7 stories. The parking lot can fit 90 cars. The building itself is 63 feet tall. How many floors are there?

DIVISION

WORD PROBLEM:

SCHOOL BUILDING



