

2 Step Equation Word Problems

Lets look at some rules for solving word problems with algebra.

1. Let a letter equal what the problem asks for.

Example: x = the cost of the car or what the problem asks for.

2. If the problem has another unknown try to relate it to the first unknown.

Example: What is Jacks age and Bills age. Bill is 2 years older than Jack.

Let x = Jacks age and $x + 2$ = Bills age

3. Next see if you can make 2 expressions = to each other.

Example Jack and Bill ages together equal 84 years.

$$x + x+2 = 84$$

Rules

1. Let x = the unknown

2. With other unknown try to make them into a relationship with x .

3. Make 2 expressions = to each other

4. Solve