

Total Problems

Parts put together for a total

Total Unknown	Part Unknown	Three Parts
<i>The store has 112 fireman hats and 83 police hats. How many hats does the store have?</i>	<i>The store has 195 fireman hats and police hats. If there are 112 fireman hats, how many police hats are there?</i>	<i>The store has 112 fireman hats, 83 police hats, and 95 baseball hats. How many hats does the store have?</i>

Difference Problems

Two amounts compared for a difference

Difference Unknown	Greater Amount Unknown	Lesser Amount Unknown
<i>The store has 112 fireman hats and 83 police hats. How many more fireman hats does the store have (How many fewer police hats)?</i>	<i>The store has 29 more fireman hats than police hats. If there are 83 police hats, how many fireman hats are there?</i>	<i>The store has 29 fewer police hats than fireman hats. If there are 112 fireman hats, how many police hats are there?</i>

Change Problems

A starting amount that increases or decreases to a new amount

Start Unknown	Change Unknown	End Unknown
<i>The store had some hats. Then they sold 112 hats, and there are 83 left. How many hats did the store have to start?</i>	<i>The store had 195 hats. Then, they sold some. Now they have 83 hats left. How many hats did they sell?</i>	<i>The store had 112 hats, then they sold 83 hats. How many hats do they have left?</i>

Equal Groups Problems

Groups with an equal number in each group

Product Unknown	Groups Unknown	Number Unknown
<i>The store has 5 hats. There are 12 polka dots on each hat. How many polka dots are on all of the hats?</i>	<i>The store had 195 hats. If each customer bought 39 hats, how many customers bought hats?</i>	<i>The store had 195 hats. 5 customers bought all of the hats. If each customer bought the same number of hats, how many hats did each customer buy?</i>

Comparison Problems

A set compared a number of times

Product Unknown	Set Unknown	Times Unknown
<i>The store has 83 police hats. There are 5 times as many fireman hats. How many fireman hats are there?</i>	<i>There are 5 times as many fireman hats as police hats. If there are 415 fireman hats, how many police hats are there?</i>	<i>There are 83 police hats. There are 415 fireman hats. How many times more fireman hats are there than police hats?</i>

Ratios & Proportions Problems

Relationships among quantities (if this, then this)

Subject Unknown	Object Unknown	With Percentage
<i>The store sold 195 hats in 5 minutes. How many hats could the store sell in 10 minutes?</i>	<i>The store sold 195 hats in 5 minutes. How many minutes would it take the store to sell 390 hats?</i>	<i>The store sold 80% of their hats. If the store had 195 hats, how many hats did they sell?</i>