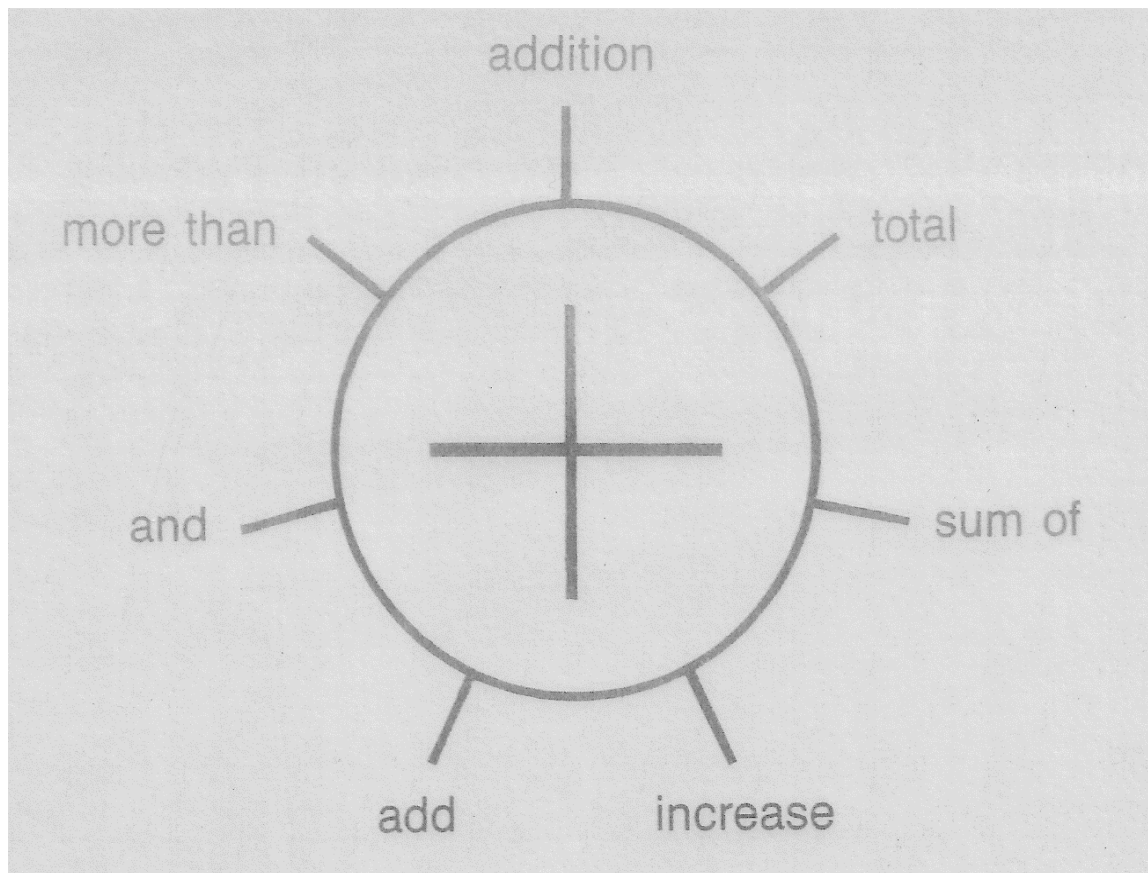


How do you become '*a problem solving expert*'?

...By inventing problems...



Look at the problem solving words for '+' and make your own problems.

WORD:	Addition
PROBLEM:	Sam went to a football match. Team A scored 5 goals and Team B scored 3 goals. How many goals did they score altogether? What is the addition of 5 and 3 goals?
WORD:	Total
PROBLEM:	
WORD:	Sum of
PROBLEM:	

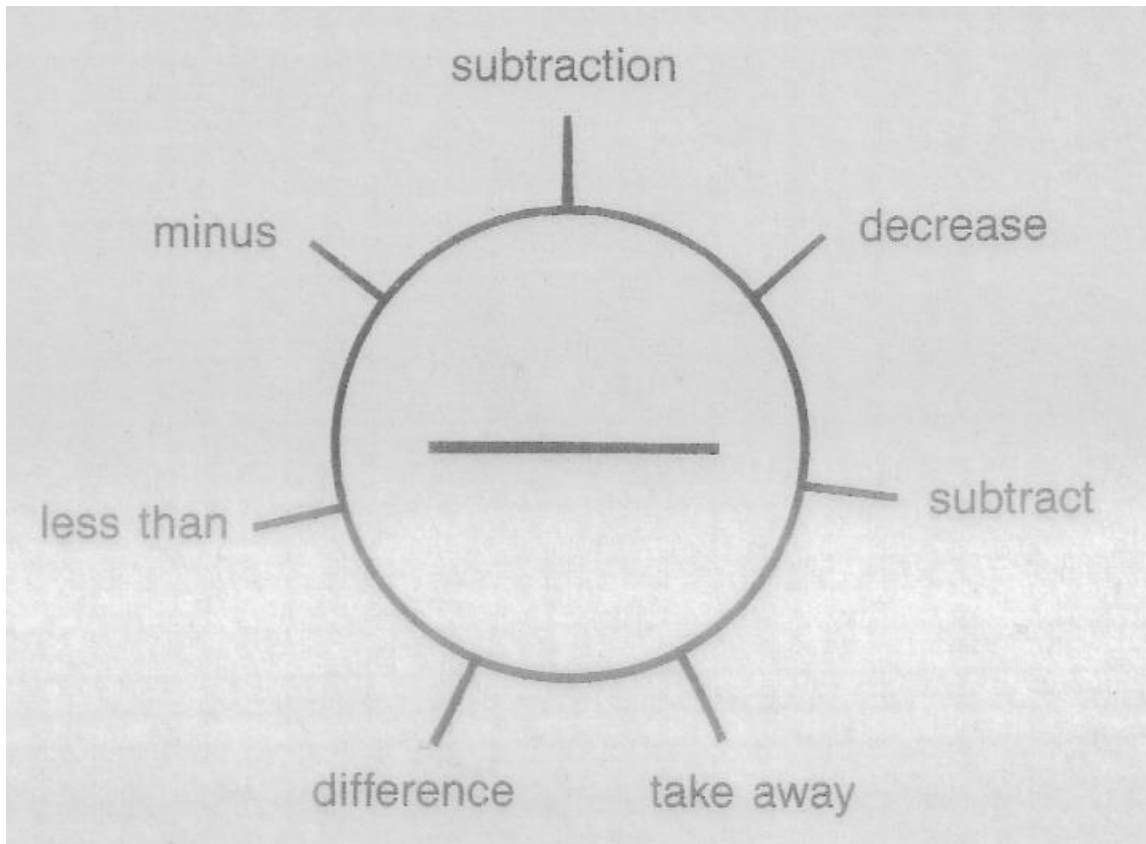
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WORD:	Increase
PROBLEM:	
WORD:	Add
PROBLEM:	
WORD:	And
PROBLEM:	
WORD:	More than
PROBLEM:	

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Look at the problem solving words for '-' and make your own problems.

WORD:	Subtraction
PROBLEM:	On a bus there were 15 people. On stop C 3 people got off. Find out how many people are still on the bus? What is the subtraction of 15 and 3?
WORD:	Decrease
PROBLEM:	
WORD:	Subtract
PROBLEM:	

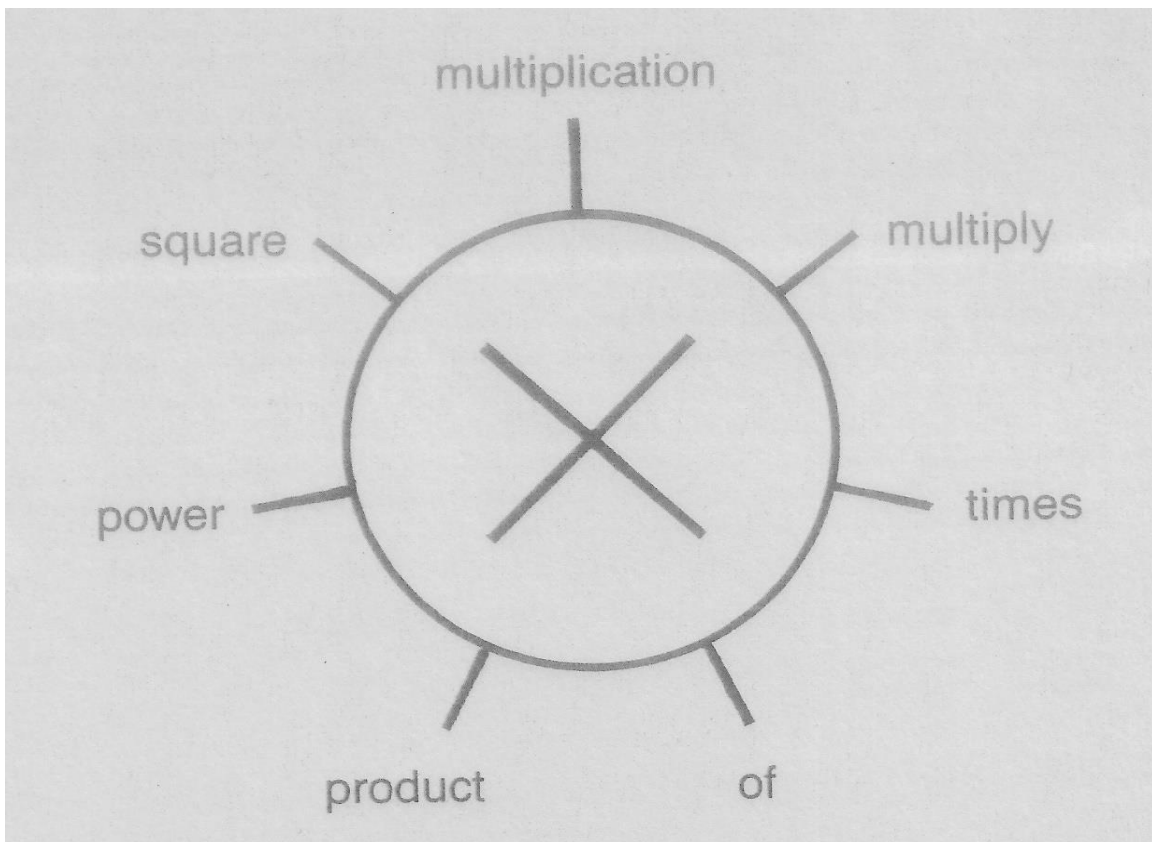
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WORD:	Take away
PROBLEM:	
WORD:	Difference
PROBLEM:	
WORD:	Less than
PROBLEM:	
WORD:	minus
PROBLEM:	

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Look at the problem solving words for 'x' and make your own problems.

WORD:	Multiplication
PROBLEM:	In a bicycle park there were 7 bikes. How many wheels do 7 bicycles have? Do the Multiplication of 7 and 2 to find out how wheels 7 bicycles have.
WORD:	Multiply
PROBLEM:	
WORD:	Times
PROBLEM:	

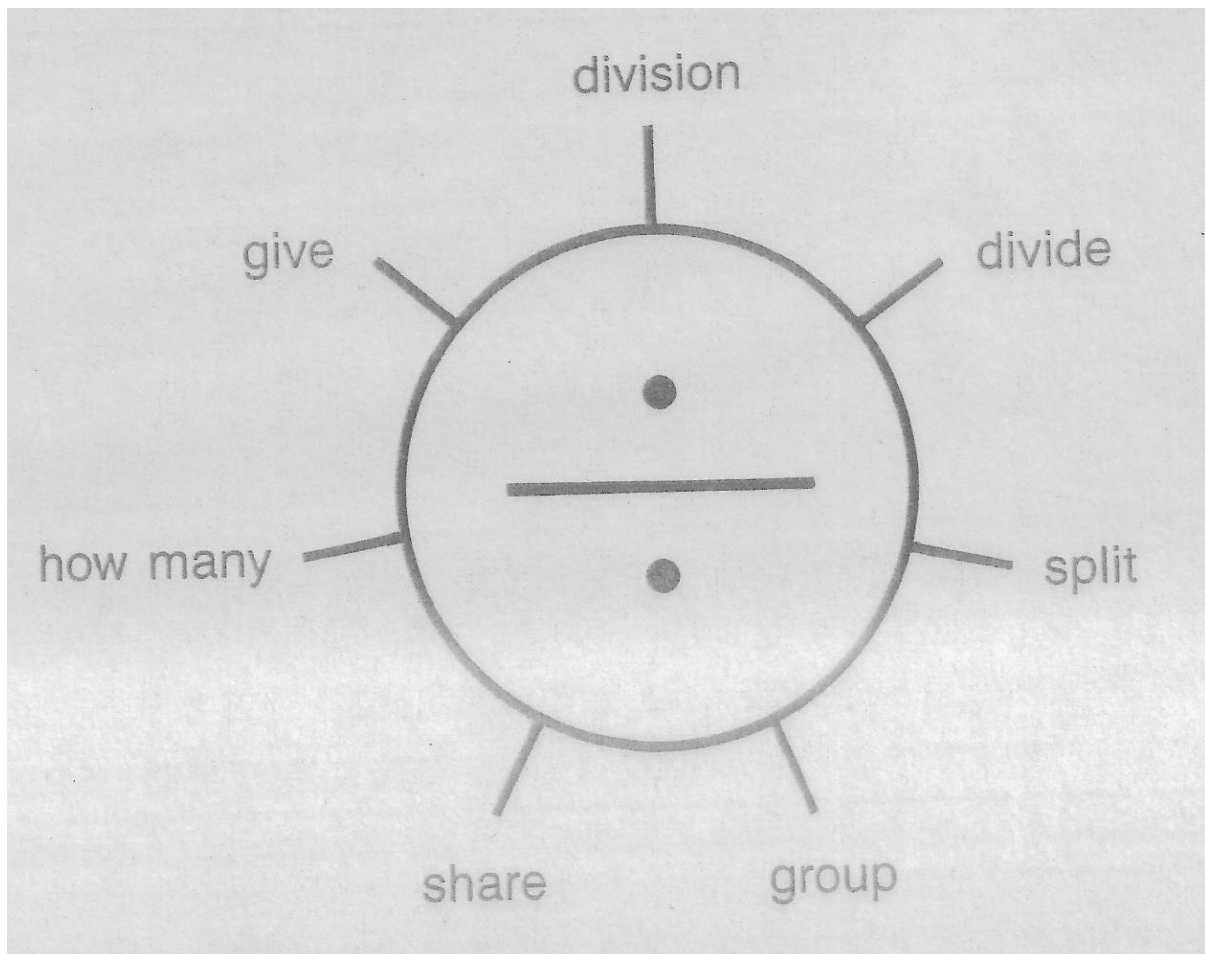
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WORD:	OF - One of the keywords that indicates multiplication is OF however in word problems, there are many uses of the word "of." The only OF that indicates multiplication is the one that follows the keyword PERCENT, the percent sign, the keyword FRACTION, or a fraction.
PROBLEM with PERCENT:	
PROBLEM with FRACTION:	
WORD:	product
PROBLEM:	
WORD:	power
PROBLEM:	
WORD:	square
PROBLEM:	

How do you become '*a problem solving expert*'?

...By inventing problems...



Look at the problem solving words for '÷' and make your own problems.

WORD:	Division
PROBLEM:	There are 20 children in a class. They need to be put in 4 groups. Calculate the division of 20 by 4 to find out how many children will be in one group?
WORD:	Divide
PROBLEM:	
WORD:	Split

How do you become '*a problem solving expert*'?

...By inventing problems...

PROBLEM:	
WORD:	Group
PROBLEM:	
WORD:	Share
PROBLEM:	
WORD:	How many
PROBLEM:	
WORD:	Give
PROBLEM:	

How do you become '*a problem solving expert*'?

...By inventing problems...

Answers

Addition	Sam went to a football match. Team A scored 5 goals and Team B scored 3 goals. How many goals did they score altogether? What is the ADDITION of 5 and 3 goals?
Total	Mary grew roses in her garden. On Sunday she saw 12 red roses and 5 yellow roses. How many roses did Mary see? What is the TOTAL of 12 and 5?
Sum of	On Tuesday Alex ate 9 cookies and on Thursday he ate 3 cookies. How many cookies did Alex eat? What is the SUM OF 9 and 3?
Increase	A jug had 4 litres of orange juice. I added 9 more litres. How many litres of orange juice do I have? Please INCREASE 4 by 9?
Add	On Saturday, Jim's hen laid 7 eggs. On Tuesday the hen laid 8 eggs. How many eggs did Jim's hen lay? Can you ADD 7 and 8?
And	On a bus there were 5 passengers. On bus stop A 6 people got on. How many people are there on the bus now? What is 5 AND 6?
More than	An elephant had 5 babies. This year she gave birth to 2 more babies. How many children does the elephant now have? What is 2 MORE THAN 5?
Subtraction	On a bus there were 15 people. On stop C 3 people got off. How many people are left on the bus? What is the SUBTRACTION of 15 and 3?
Take away	Lisa collected 20 apples from her apple tree. 8 apples were rotten. How many good apples did Lisa have? Can you TAKE AWAY 8 from 20?
Decrease	On Monday a shop bought 25 ice creams. During the week it sold 21 ice creams. How many ice creams are left? Please DECREASE 25 by 21.

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...By inventing problems...

Subtract	I had 10 water bottles to sell. I sold 7. How many bottles are left? Can you SUBTRACT 7 from 10?
Difference	A pride of lions had 20 lions, 7 lions died. How many lions are alive? Calculate the DIFFERENCE between 20 and 7 to find out how many lions are alive?
Less than	In week one Stacy saw 17 roses in her garden. In week 2 she saw 8 roses. How many roses wilted in one week? Calculate what is 8 LESS THAN 17 to find out how many roses wilted?
Minus	Mom baked 30 cookies and gave 15 to my neighbour. How many cookies we left for us? Calculate 30 MINUS 15 to find out many cookies were left over.
Multiplication	In a bicycle park there were 7 bikes. Do the MULTIPLICATION of 7 and 2 to find out how wheels do 7 bicycles have.
Multiply	In a car park there were 8 cars. Can you MULTIPLY 8 and 4 to find out how many wheels 7 cars have??
Times	4 lions eat 3 kilos of meat everyday in a Zoo. Calculate 4 TIMES 3 to find out how much meat a zoo needs per day.?
Of is used as	PERCENT OF – how much is 10%(percent) of 100? FRACTION OF – what is $\frac{1}{3}$ of 27?
Product	Ana buys 3 cartoons of eggs. Each cartoon has 6 eggs. Calculate the PRODUCT of 6 and 3 to find out how many eggs Ana bought?
Power	Jeff has 3 go-carts in his shop. He says to find out how many wheels 1 go cart has you have to multiply the number of carts to the POWER of 5?
Square	Mom says Dad's age is square of my age which is 6 years. Calculate the SQUARE of 6 to find out Dad's age?

How do you become '*a problem solving expert*'?

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Division	There are 20 children in a class. .they need to be put in 4 groups. Calculate the DIVISION of 20 by 4 to find out how many children will be in one group?
Divide	There are 45 people living in 9 houses on my road. Can you DIVIDE 45 by 9 to find out how many people live in one house?
Split	At lunch 10 school children get 30 potatoes. Please SPLIT 30 by 10 to find out how many potatoes did each child get?
Group	Paper plates are sold in packs of 10. I buy 90 plates. How many GROUPS of 10 are there in 90?
Share	I have 24 cakes and 8 people have come to my party. Please SHARE 24 between 8 people to find out how many cakes does 1 person get?
How many	There are 12 pencils in a box. HOW MANY boxes are needed for 120 pencils?
Give	You have 21 apples. How many apples can you GIVE to 7 people?