




Introducing Variables





NCTM Standards 1, 2, 6, 7, 8, 9, 10

Fill in the missing numbers.

1

		A	B	C	D	E
Think of a number. Put that many counters in the bag.		4	11			
Add 6. You now have the bag and 6 extra counters.		10		21		
Double it. You now have two bags and 12 extra counters. How many counters all together?		20			46	12

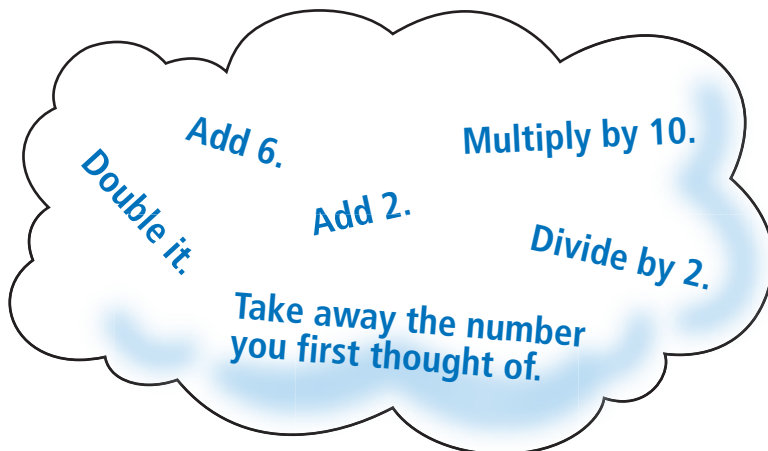
2

		F	G	H	I	J
Think of a number.			4			
Double it.				0		
Add 6.						
Divide by 2. How many counters do you have all together?		15			20	4

3

		K	L	M	N	O
Think of a number.		7				
Add 7.						
Add the number you thought of first.						
Subtract 5. How many do you have all together?			22	52	2	4

- 4 Choose steps to put in your puzzle.
Then complete the puzzle.



Think of a number.	6	20		12	



- 5 **Challenge** Fill in steps that give the correct final number from the given starting number.

Think of a number.	1	15	7	91	
	16	30	22	106	39