

# Using Food to Introduce Variables

Answer Key

Susan Mercer













## **<u>Representing Expressions</u>**











































2.)Write an expression for the representation.

3h+ 5b





2.) Write an expression for the representation.

#### 5h + 7p + 3b + 2i





2.)Write an expression for the representation.

# 3( 2b + h + i)





2.)Write an expression for the representation.

# 4( 3i + \$10 )





# Using Food to Introduce Variables

Date: \_\_\_\_\_













	1. Expression		
		2a + h	
2.)	Draw a food for each variable.	4.)	Draw a picture to represent the expression.
3.	Describe the expression using words.		





(1.)	Picture using parenthesis.
	3
2.	Describe the picture using words. 3. Write an expression to represent the picture.
4.	Draw a picture to represent number 1 without the parenthesis.
5.	Describe the picture using words. 6. Write an expression to represent the picture.

(1)	Picture using parenthesis
$\sim$	
	2
$\overline{\bigcirc}$	Describe the nicture using words 2 Write on expression to represent the
2.)	bescribe the picture using words.
(4.)	Draw a picture to represent number 1 without the parenthesis.
4.	Draw a picture to represent number 1 without the parenthesis.
4.	Draw a picture to represent number 1 without the parenthesis.
4.	Draw a picture to represent number 1 without the parenthesis.
4.	Draw a picture to represent number 1 without the parenthesis.
4.	Draw a picture to represent number 1 without the parenthesis.
(4.)	Draw a picture to represent number 1 without the parenthesis.
(4.)	Draw a picture to represent number 1 without the parenthesis.     Describe the picture using words.   6. Write an expression to represent the
4.	Draw a picture to represent number 1 without the parenthesis.    Describe the picture using words. 6. Write an expression to represent the picture.
(4.) (5.)	Draw a picture to represent number 1 without the parenthesis.    Describe the picture using words. 6. Write an expression to represent the picture.
5.	Draw a picture to represent number 1 without the parenthesis.     Describe the picture using words.   6. Write an expression to represent the picture.
5.	Draw a picture to represent number 1 without the parenthesis.    Describe the picture using words. 6. Write an expression to represent the picture.
5.	Draw a picture to represent number 1 without the parenthesis.    Describe the picture using words. 6. Write an expression to represent the picture.

1.	Picture using parenthesis. 3
2.	Describe the picture using words. 3. Write an expression to represent the picture.
4.	Draw a picture to represent number 1 without the parenthesis.
5.	Describe the picture using words. 6. Write an expression to represent the picture.



1.	Picture without using parenthesis.	
(2.)	Describe the picture using words.	3.) Write an expression to represent the
		picture.
$\overbrace{4}$	Put the above foods in two equal grou	
		-p
5.)	Describe the picture using words.	6. Write an expression using parenthesis to
		represent the picture.

(1.)	Picture without using parenthesis.
(2.)	Describe the picture using words. (3.) Write an expression to represent the
	picture.
$\sim$	
4.	Put the above foods in two equal groups.
5.	Describe the picture using words. 6. Write an expression using parenthesis to represent the picture.
	人

1. Expression with parenthesis	2. Describe the expression using words.
3(2a + h + 5)	
3. Represent the expression using gro	pups
4. Represent the expression without using	ng groups
5. Describe above the picture using word	ls. 6 Write an expression without using parenthesis to represent the picture.

1. Expression with parenthesis 4 ( b + 3 ) + p	2. Describe the expression using words.
(3.) Represent the expression using grou	ıps
(4.) Represent the expression without usin	ag groups
5. Describe above the picture using words	s. 6 Write an expression without using parenthesis to represent the picture.

1. Expression with parenthesis 5 ( p + 4 ) + 2b	2. Describe the expression using words.
3. Represent the expression using gro	oups
(4.) Represent the expression without usi	ing groups
5. Describe above the picture using word	ds. 6 Write an expression without using parenthesis to represent the picture.





















2.) Write an expression for the representation.





3.) Calculate the value of the expression if each food has the following price:

ice cream cost \$1;

apples cost \$2;

hamburgers cost \$5;

hot-dogs cost \$3;

pizza cost \$4.

