

Chapter 11 Wrap It Up!

This worksheet will help you with the Chapter 11 Wrap It Up! on page 417.

To create your own code, start with this base.

1 = a	2 = b	3 = c	4 = d	5 = e	6 = f	7 = g
8 = h	9 = i	10 = j	11 = k	12 = l	13 = m	14 = n
15 = o	16 = p	17 = q	18 = r	19 = s	20 = t	21 = u
22 = v	23 = w	24 = x	25 = y	26 = z		

1. Consider the types of equations you used during this chapter. Make up an equation for your new code.

Remember that:

x = original number

a = what you will do to the original number

b = new number for each letter

Write your base equation: _____

2. Put your new equation into this chart to show what number will represent each letter of the alphabet.

a = = =	b = = =	c = = =	d =	e =	f =
g =	h =	i =	j =	k =	l =
m =	n =	o =	p =	q =	r =
s =	t =	u =	v =	w =	x =
y =	z =				

Name: _____

Date: _____

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(continued)

3. Use your code to write a message.

Message in Words	
Coded Message	

4. Write your code on a separate piece of paper. See if another group can crack it. You may need to give them a hint about the type of equation you used.