

Défi maths en Anglais numéro 5

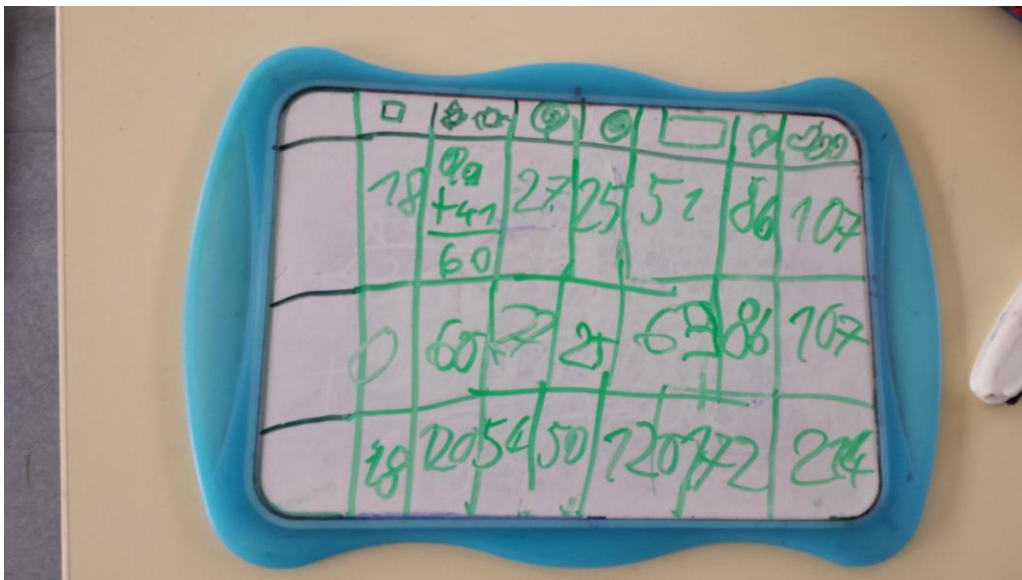
Identifiant : Les Pépinières Ce2 (Ecole les Pépinières 57000 Metz – Classe de Ce2- Mme Testut)

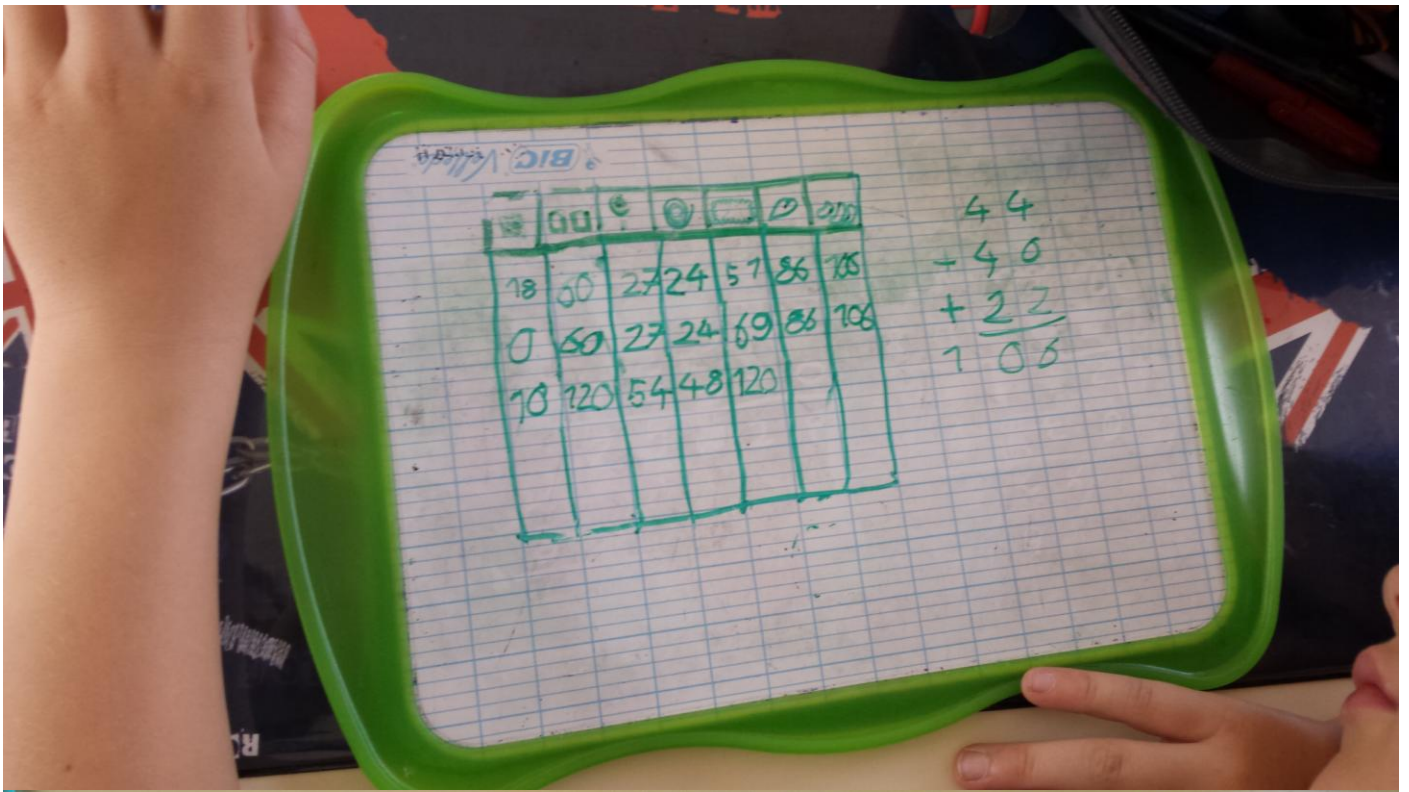
Après avoir vu le dessin animé d'Hansel et Gretel, travaillé sur les nombres, les aliments ce défi en anglais a beaucoup plu aux élèves qui se sont totalement investis dans ce projet.

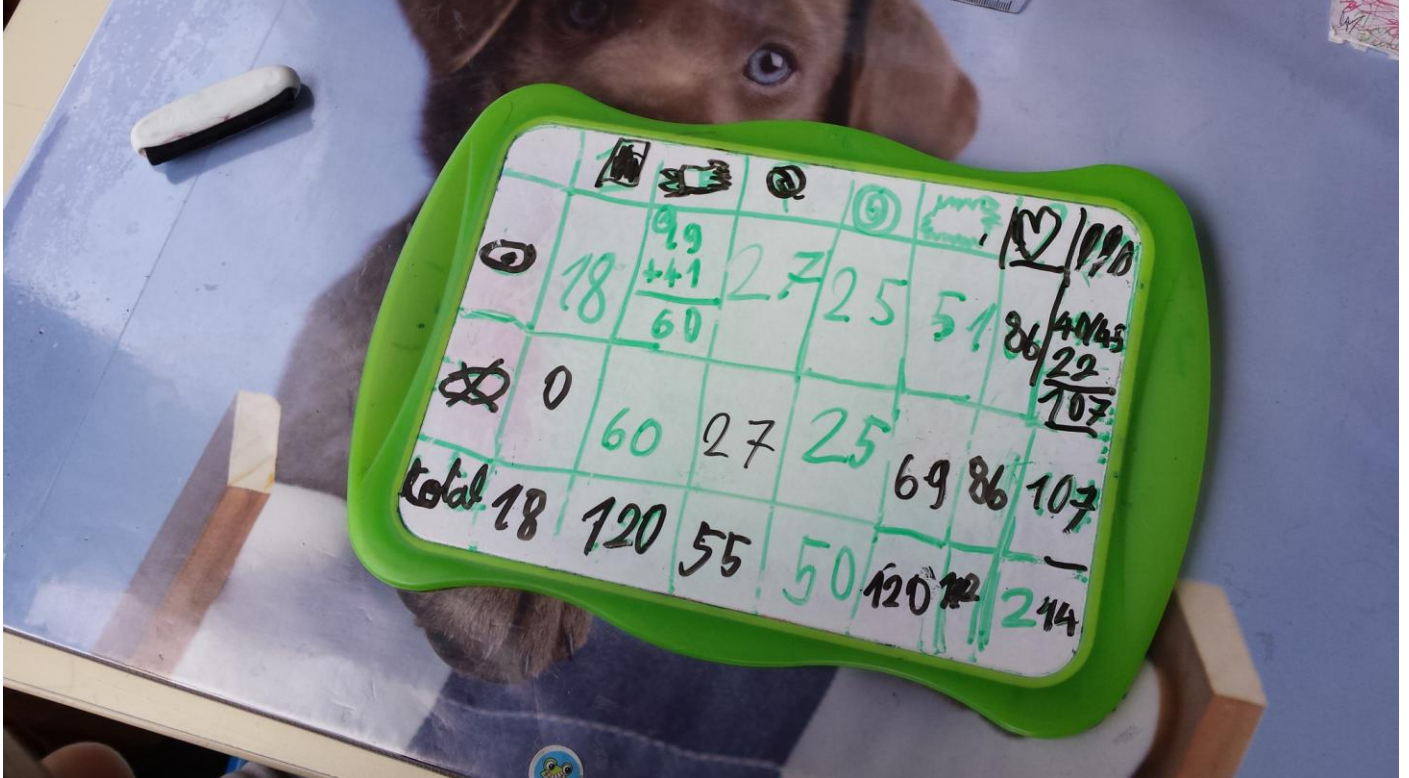
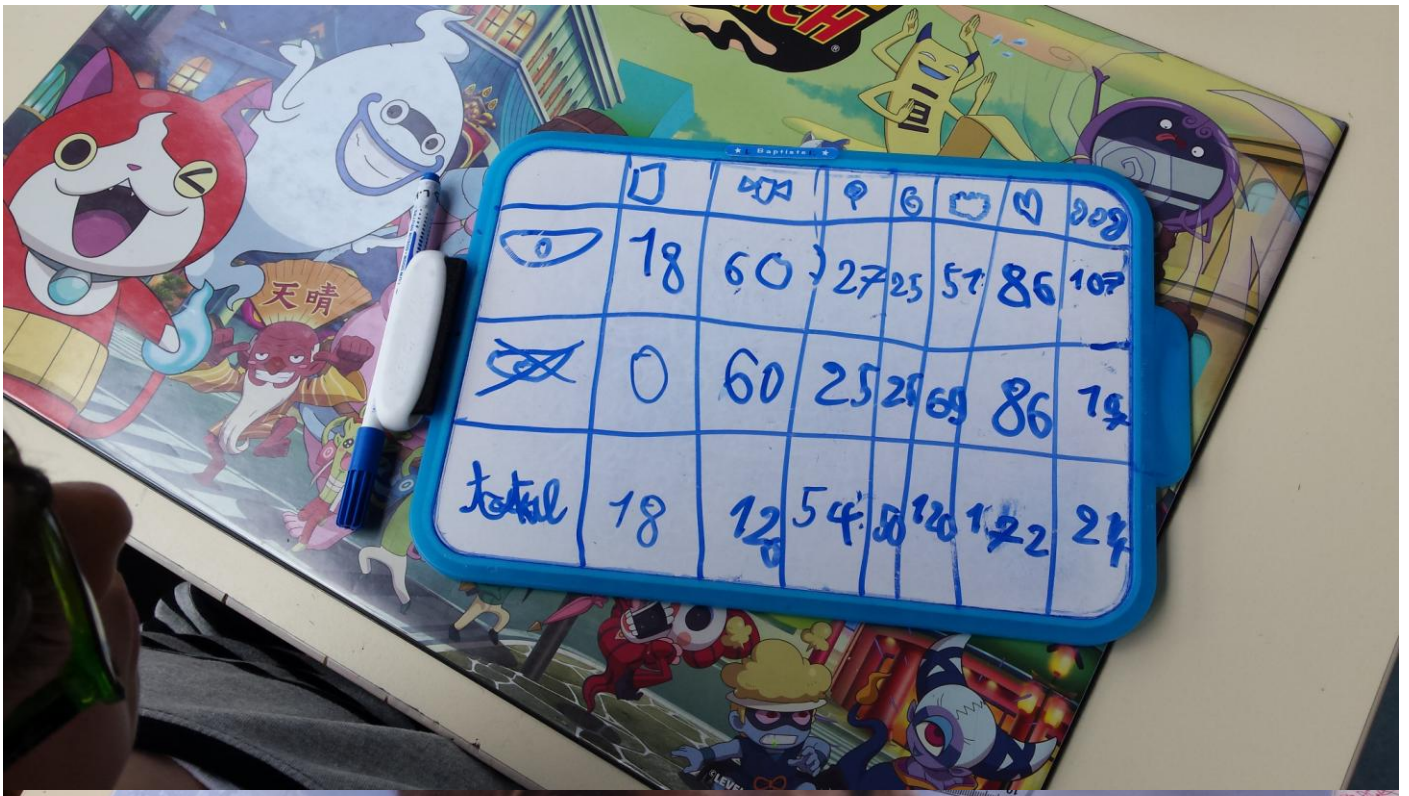
Step one :

Alix a eu l'idée de matérialiser en volume la maison de la sorcière en traçant les fenêtres et les portes sur la boîte de mouchoirs de la classe. Ce modèle a permis aux élèves qui en avaient besoin de mieux visualiser les faces cachées.

Puis les élèves ont rempli le tableau d'aide au calcul :







Mapleboard with pink border, brand name "CHIMINE NEVA" visible on the left side. The board is placed over a map of France and the Atlantic Ocean. It contains a table with 7 columns and 3 rows of data, including various symbols and numbers.

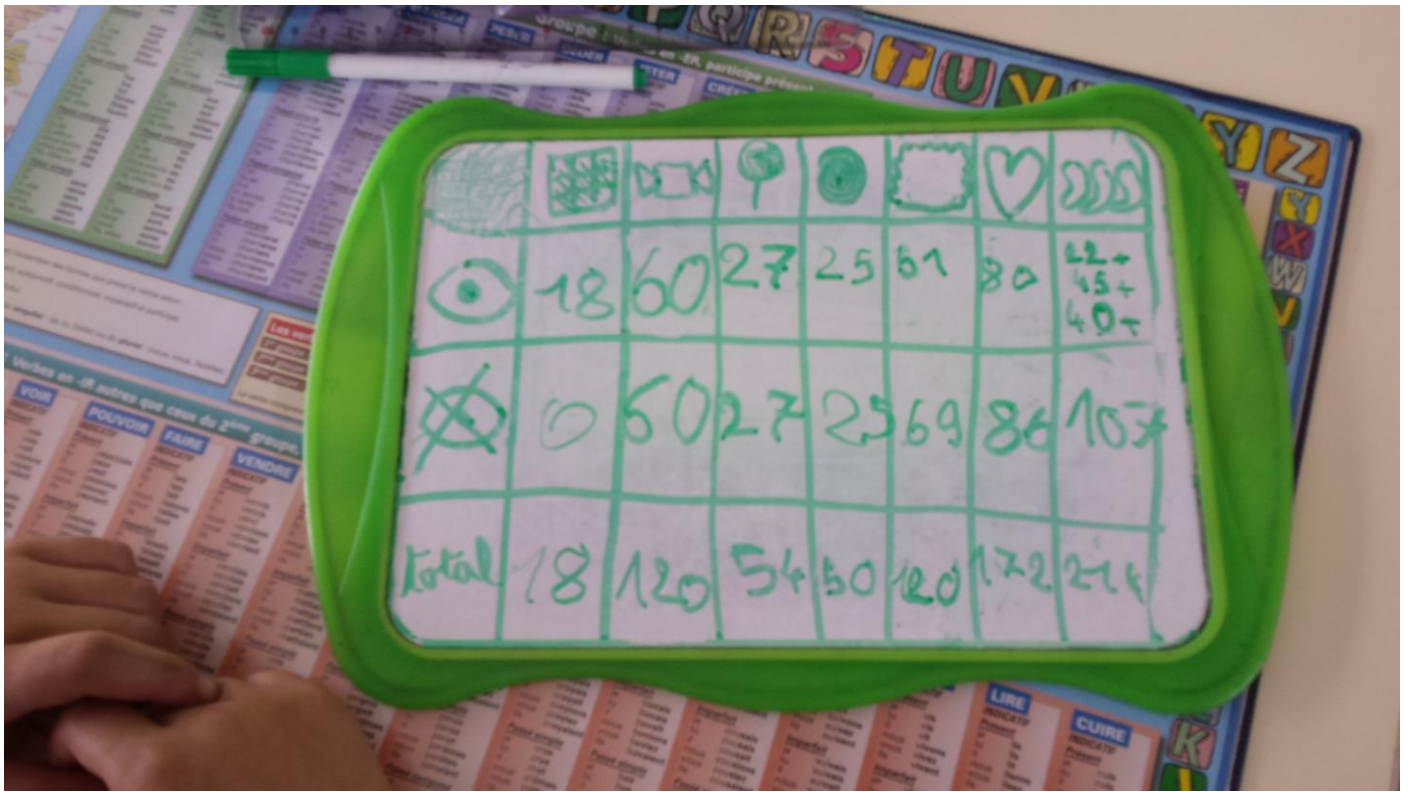
	18	$\frac{19}{60}$	27	25	59	107
	0	60	27	25	69	86
Total	18	720	54	50	120	172

Open notebook showing a handwritten table on the left page and a calculation on the right page. A ruler is visible on the left edge of the notebook.

	18	$\frac{19}{60}$	27	25	59	86	107
	0	60	27	25	69	86	107
Total	18	120	54	50	120	128	214

Calculation on the right page:

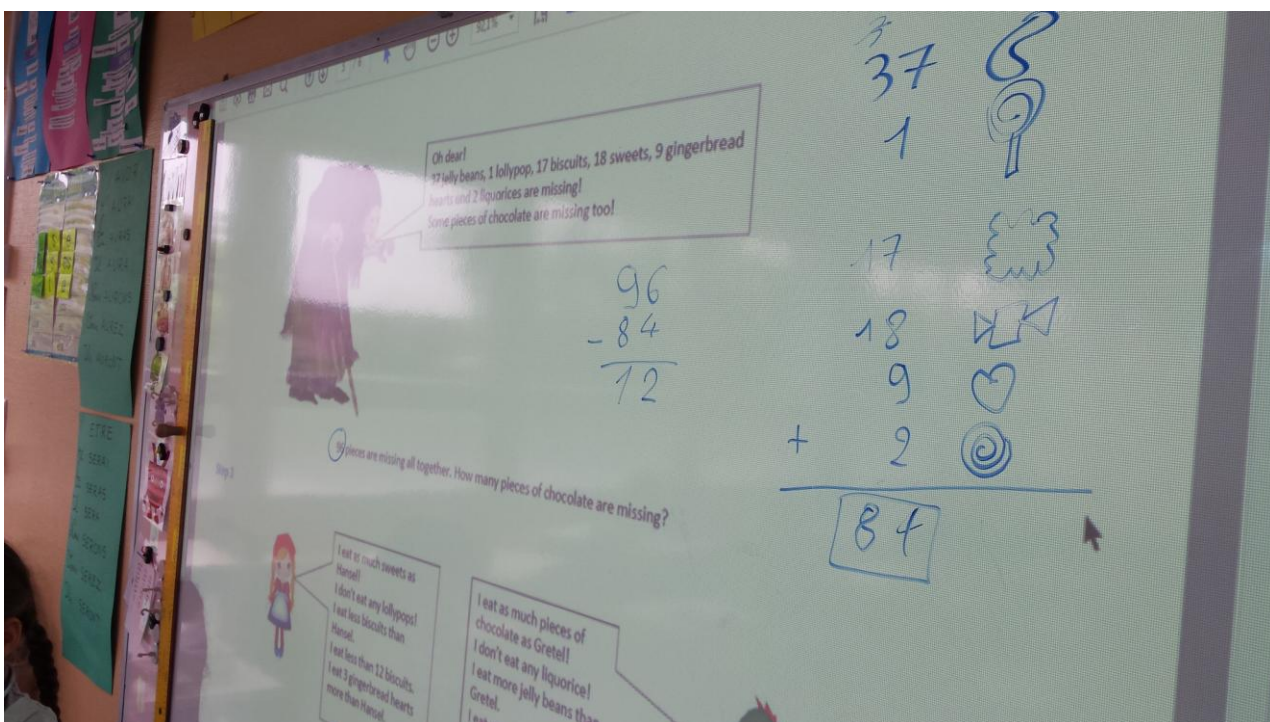
$$\begin{array}{r} 51 \\ + 69 \\ \hline 120 \end{array}$$



There are 120 sweets, 214 jelly beans, 54 lollypops, 18 pieces of chocolate, 120 biscuits, 172 gingerbread hearts and 50 liquorices.

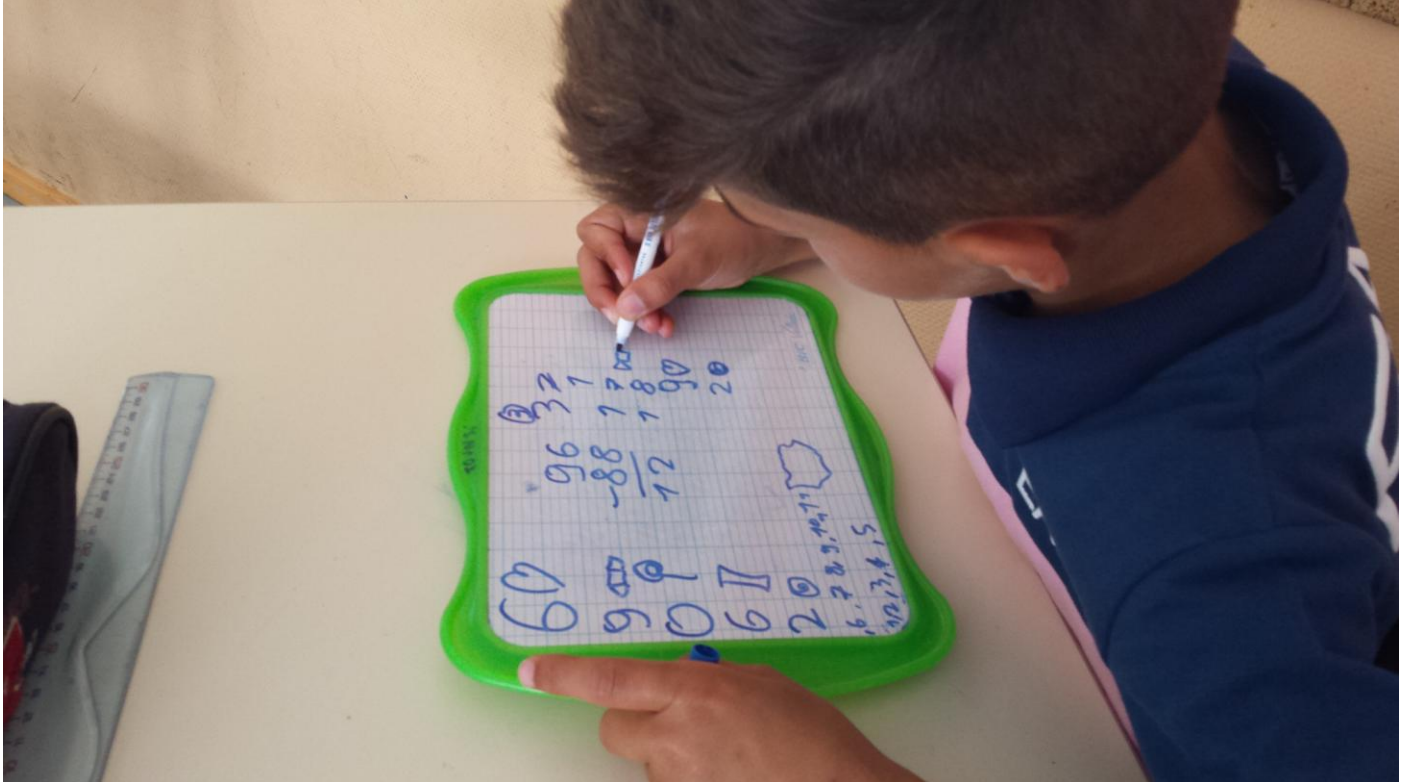
Step two:

Après avoir compris l'énoncé, les élèves ont cherché et trouvé comment répondre à la sorcière.



Twelve pieces of chocolate are missing.

Step three :



- 37 jelly beans
- , 1 lollypop
- , 17 biscuits
- , 18 sweets
- , 9 gingerbread hearts and
- 2 liquorices

What did the children eat? What did Gretel eat? What did Hansel eat? Find two different solutions. Fill out two tables.









Gretel ate 9 sweets and Hansel too because $9 + 9 = 18$
 Gretel ate 0 lollypops, so Hansel ate 1 lollypop because $0 + 1 = 1$
 Gretel ate 6 gingerbread and Hansel ate 3 gingerbread because $(3+3) + 3 = 9$
 Gretel ate 8 biscuits and Hansel ate 9 biscuits because 8 is less than 9 and 8 is less than 12 and $8 + 9 = 17$
 Gretel ate 6 pieces of chocolate and Hansel too because $6 + 6 = 12$
 Gretel ate 2 liquorices and Hansel ate 0 liquorice.









Gretel ate 1 jelly beans and Hansel ate 36 jelly beans because 36 is more than 1 and 36 is more than 34 jelly beans and $1 + 36 = 37$

Or

Gretel ate 7 biscuits and Hansel ate 10 biscuits because 7 is less than 10 and 7 is less than 12 and $7 + 10 = 17$

Gretel ate 2 jelly beans and Hansel ate 35 jelly beans because 35 is more than 2 and 35 is more than 34 jelly beans and $2 + 35 = 37$

							BBB	total
 Gretel	6	9	0	2	8	6	1	32
 Hansel	6	9	1	0	9	3	36	64

							BBB	total
 Gretel	6	9	0	2	7	6	2	32
 Hansel	6	9	1	0	10	3	35	64