Name _____

The Baker

The baker uses boxes of different sizes to carry her goods.

Cookie boxes hold 12 cookies.

Donut boxes hold 4 donuts.

Muffin boxes hold 2 muffins.

Bagel boxes hold 6 bagels.

1. On Monday she baked 24 of everything.
    How many boxes did she need? Fill in the empty spaces.

    Cookie boxes _____   Donut boxes _____

    Muffin boxes _____   Bagel boxes _____

2. On Tuesday she baked just bagels. She filled 7 boxes.

    How many bagels did she make?   _____

    Show your calculations.

3. On Wednesday she baked 42 cookies.

   How many boxes did she fill?_____   How many cookies were left over? _____

   Explain how you figured this out.

   _____

   _____

   _____

   _____

4. On Thursday she baked 32 of just one item and she filled 8 boxes.

   What did she bake on Thursday? _____

   Show how you figured this out.

5. On Friday, a customer ordered exactly six boxes of three varieties of her baked goods. Each box can contain only one type of item. The customer wanted more than 30 but less than 40 items. Describe two different possible combinations the baker could put together and show how each meets the customer's order.

Task 2: The Baker   Rubric

	points	section points
The core elements of performance required by this task are: choose and perform number operations in a practical context Based on these, credit for specific aspects of performance should be assigned as follows		
1. Gives correct answers: **2** cookie boxes **6** donut boxes **12** muffin boxes **4** bagel boxes	1x4	4
2. Gives correct answer: **42** Shows **6 x 7 = 42**. Accept repeated addition.	1 1	2
3. Gives correct answers: **3**, **6** Gives a correct explanation such as: She filled 3 complete boxes: 3 x 12 = 36 and 42 – 36 = 6. This means that 6 were left over **or** Shows 42 ÷ 12 = 3, remainder 6.	1 1	2
4. Gives correct answer: **donuts** Shows work such as: 4 x 8 = 32 Accept diagrams.	1 1	2
5. Gives two correct answers. **Answers may vary, see below for example.** Shows how each solution meets the customer's order (6 boxes, 3 item types, with total items between 31-39) *Cookies 1 box (12 cookies) Cookies 2 boxes (24 cookies)* *Bagels 2 boxes (12 bagels) Muffins 1 box (2 muffins)* <u>*Donuts 3 boxes (12 donuts)*</u> <u>*Donuts 3 boxes (12 donuts)*</u> ***6 boxes (36 items)*** ***6 boxes (38 items)***	1 1	2
Total Points		**12**