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| **NC.3.NBT.3**  **What’s the Best Deal?** | |
| **Domain** | Number and Operations in Base Ten |
| **Cluster** | Generalize place value understanding for multi-digit numbers. |
| **Standard(s)** | **NC.3.NBT.3** Use concrete and pictorial models, based on place value and the properties of operations, to find the product of a one-digit whole number by a multiple of 10 in the range 10–90. |
| **Materials** | paper, pencils, copy of problem |
| **Task** | Display a copy of the problem on the board or document reader.  Read: *Max is trying to decide if he should go to Fast Foods, Green Groceries, or Super Store to buy biscuits for the school picnic. For $25, Max can buy:*  *60 five-packs of biscuits from Fast Foods.*  ***or***  *30 six-packs of biscuits from Green Groceries.*  ***or***  *40 eight-packs of biscuits from Super Store.*  Ask: *Where should Max go to buy biscuits? Use pictures, numbers, words, or equations to explain your reasoning.* |

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| **Rubric** | | |
| **Level I**  Not Yet | 1. **Level II** 2. Progressing | **Level III**  Meets Expectation |
| * Student’s work is off-task, incomplete, or not accurate. | * Student states that Max should shop at Super Store, but is unable to justify reasoning. ***OR*** * Student has shown some justification of appropriate reasoning, but it does not lead to the correct answer. | * Student states that Max should shop at Super Store. * Student accurately justifies reasoning (i.e., For $25, Max will get the most biscuits at Super Store – 320 biscuits. He will only get 300 biscuits at Fast Foods or 180 biscuits at Green Groceries.) |

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| **Standards for Mathematical Practice** |
| **1. Makes sense and perseveres in solving problems.** |
| 2. Reasons abstractly and quantitatively. |
| **3. Constructs viable arguments and critiques the reasoning of others.** |
| 4. Models with mathematics. |
| 5. Uses appropriate tools strategically. |
| 6. Attends to precision. |
| **7. Looks for and makes use of structure.** |
| 8. Looks for and expresses regularity in repeated reasoning. |

**What’s the Best Deal?**

Max is trying to decide if he should go to Fast Foods, Green Groceries, or Super Store to buy biscuits for the school picnic.

For $25, Max can buy:

60 five-packs of biscuits from Fast Foods.

**or**

30 six-packs of biscuits from Green Groceries.

**or**

40 eight-packs of biscuits from Super Store.

Where should Max go to buy biscuits? Use pictures, numbers, words, or equations to explain your reasoning.