Name: MA3 due November 28, 2023

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| --- | --- | --- | --- | --- | --- |
| ***Uses math reasoning***  ***Validation Situation*** | | | | | |
| Evaluation criteria | Observable indicators corresponding to level | | | | |
| **A** | **B** | **C** | **D** | **E** |
| Analysis | 30 | 24 | 18 | 12 | 6 |
| Application | 40 | 32 | 24 | 16 | 8 |
| Justification | 20 | 16 | 12 | 8 | 4 |
| Explanation | 10 | 8 | 6 | 4 | 2 |
|  |  |  | | | |

The Rainbow Band is going on tour for 4 days.

The 40 people going on tour want to have snacks during the tour.

Each day, the organizers will provide each person with the following snacks:

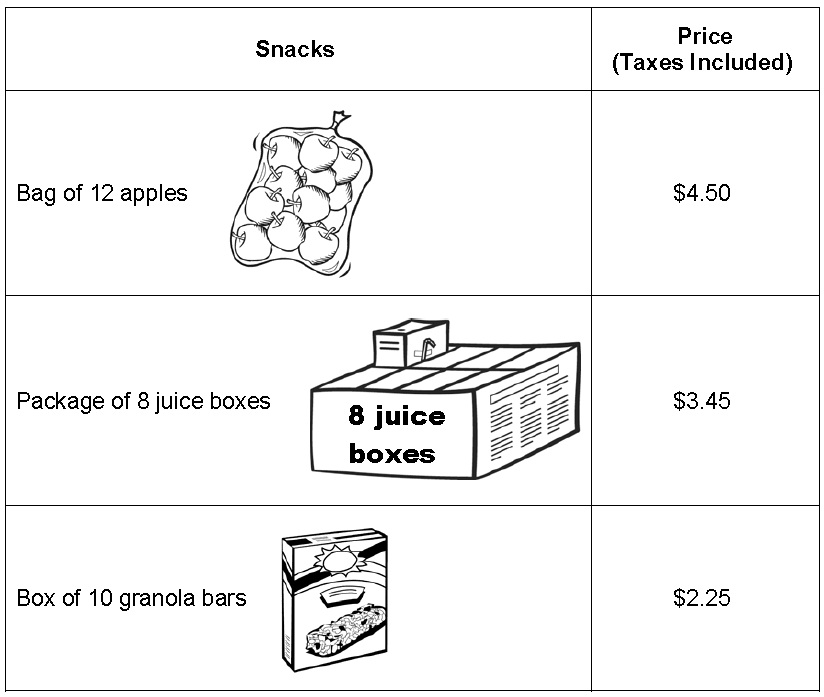


* 1 apple.
* 2 juice boxes



* 1 granola bar.

**The organizers have $275 to spend on snacks. Do they have enough money for the snacks they need for the 4 days of the tour?**



**Do the organizers have enough money for the snacks they need for the 4 days of the tour?**

**Yes No**

**Use rigorous mathematical arguments to explain why.**

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