

Abe stacked boxes onto a truck. Each box he stacked had the same weight. The table below shows the total weight for different numbers of boxes.

Total Weight of Boxes

Number of Boxes	Total Weight (in pounds)
2	50
4	100
6	150

- What is the total weight, in pounds, of 8 boxes? Show or explain how you got your answer.
- Based on the table, write or describe a rule that can be used to find the weight of n boxes, where n is any number of boxes.
- Is it possible for the total weight of the boxes Abe stacked onto the truck to be **exactly** 520 pounds? Show or explain how you got your answer.