



NOETIC LEARNING

PROBLEM OF THE WEEK

September 16, 2024

THE PROBLEM:

A mother deer and a baby deer together weigh 220 pounds. The mother deer weighs 60 pounds more than the baby deer. How much does the baby deer weigh?



(Source: [Noetic Learning Challenge Math Online](https://www.noetic-learning.com/pow.jsp))

To have our printable Problems of the Week and its solution delivered to your inbox every Monday, subscribe to our newsletter: <https://www.noetic-learning.com/pow.jsp>. Our Problem of the Week program is completely free!



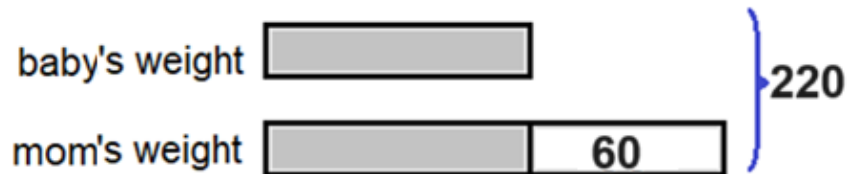
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THE SOLUTION:

Draw a bar diagram to illustrate the problem: we use one bar to represent the baby deer's weight, and one longer bar to represent the mother deer's weight, which is 60 pounds more than baby deer weight. Together, they weigh 220 pounds.



Since the two gray parts are same in size and they represent $220 - 60 = 160$ in total, each gray part represents half of 160 pounds, which is 80 pounds. So, the baby deer weighs 80 pounds.

THE ANSWER: 80 POUNDS