Graded Quiz • 30 min

Due Feb 19, 11:59 PM PKT

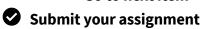
■ Item Navigation Congratulations! You passed!

Grade received 100%

Matrices Submission Grade 100%

Ouiz • 30 Topass 80% or higher

Go to next item



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Try again

1. On your next mission, while collecting rock samples, you observe a new crystal structure containing carbon, which could be key to life! You utilize the third spacecraft, Ingenuity, and meticulously collect enough rock samples to distribute within the

1/1 point

Ingenuity, and meticulously collect enough rock samples to distribute within the Receive grade weight limits of each spacecraft.

To Pass 80% or higher You place 2 basalt samples, 1 meteorite, and 5 crystal rock samples into the Perseverance rover, which all weigh 20 grams.

Your grade

100% ou then distribute 1 basalt, 2 meteorites, and 1 crystal into the Curiosity rover, with a weight of 10 grams in total.

Lastly, you place 2 basalt samples, 1 meteorite, and 3 crystals to Ingenuity, which **View Feedback** together weigh 15 grams. Each rock sample is represented with variables b for basalt, We keepytor highest tegand c for crystal structures.

Which of the following systems of equations represents the correct information in the above system of sentences?

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$$egin{cases} 2b+m+5c=100\ b+2m+c=23\ 2b+m+3c=35 \end{cases}$$

$$\int m + 2b + 5 = 20$$