# Problem of the Week Problem C <br> <br> Moving Along 

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A car and a motorcycle left a gas station at the same time. They each travelled in the same direction for one and one-quarter hours. At that time, the car had travelled 20 km farther than the motorcycle. If the average speed of the car was $80 \mathrm{~km} / \mathrm{h}$, determine the average speed of the motorcycle.


