1. Jimmy's car is traveling $60 \mathrm{~km} / \mathrm{hr}$ faster than Abdul's car. During the time it takes Abdul to go 180 km , Jimmy goes 480 km. Find their speeds.

Progress Check: Solving Rational Functions in Context (E12) Name: $\qquad$

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2. A group of students are volunteering for Help the Homeless during their spring break. They are putting the finishing touches on a house they built. Working alone, Dylan can paint a certain room in 4 hours. Tia can paint the same room in 6 hours. How many hours will it take them to paint the room if they work together?
3. A group of students are volunteering for Help the Homeless during their spring break. They are putting the finishing touches on a house they built. Working alone, Dylan can paint a certain room in 4 hours. Tia can paint the same room in 6 hours. How many hours will it take them to paint the room if they work together?
