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1. One third of Mr. Harper's class are boys. 60% of Mr. Green's class are boys. There are 27 students in Mr. Harper's class. There are 25 students in Mr. Green's class. There are 6 boys who are in both Mr. Harper's and Mr. Green's classes. How many boys are in only one of the two classes?
2. A jetliner takes 4 hours and 15 minutes to fly from Detroit to Los Angeles. The air distance is 1,976 miles. What is the average speed of the plane (to the nearest tenth of a mile an hour)?
3. A pound of grass seed will seed 300 square feet of ground, if all the seeds germinate. Ms. Markey wants to seed her front and back yards. The front yard will be 50 feet by 30 feet. The back yard will be 40 feet by 60 feet. The seed she wants has a 90% germination rate. How many pounds should she buy? (Assume that she cannot buy a part of a pound.)
4. When driving his car, Mr. Tyler's reaction time between seeing a danger and hitting the brake pedal is $\frac{1}{2}$ second. If he drives 72 kph, how many meters does his car go in that $\frac{1}{2}$ second?