

### Fraction word problems (unit fraction)

1. A computer uses  $\frac{1}{200}$  of a second to finish a math question. How many math questions can the computer answer in 2 minutes?
2. After a robot vacuum is fully charged, it can run for 15 minutes. It can vacuum  $\frac{1}{2}$  square foot every second. Can a fully charged robot clean a room that is 400 square feet without recharging?
3. An auto shop installed a new automatic system to do paint jobs for cars. The system can paint 6 cars in  $\frac{1}{4}$  hour. How long does it take to paint one car?

