

# WORK PROBLEMS

1. One printing press can finish a job in 8 hours. The same job would take a second press 12 hours. How long would it take both presses together?
2. Frank can wash the windows in 5 hours. If he and Brian work together, they can finish in 2 hours. How long would it take Brian working alone?
3. An installer can carpet a room in 3 hours. An assistant needs 4.5 hours to do the same job. If the assistant helps for 1 hour and then is called away, how long will it take the installer to finish?
4. A pipe can fill a pool in 12 hours. What part of the pool can it fill in 1 hour? In  $x$  hours?
5. Billy can paint a room in 6 hours; Sally can paint the same room in only 4 hours. If they work together, what part of the room can they paint in 2 hours?
6. A file clerk needs 6 hours to file an average day's papers, but, with an assistant, they can get it done in 4 hours. How long would it take the assistant working alone?
7. It takes Mr. Evans  $1\frac{1}{2}$  hours to do the weekly grocery shopping, but it only takes Mrs. Evans 1 hour. How fast can they do the shopping if they go together?
8. Felix takes 2 hours to mow the lawn, but, if his brother helps him, then can do it in  $\frac{2}{3}$  hour. How long would it take his brother to mow the lawn alone?