

Name:

Date:

FACTORY AND WORKER PROPORTION WORKSHEET

Solve the following. Show your work.

1. 3 factories produce 450 machines. How many machines will 5 factories produce?
2. 6 workers can finish a job in 12 days. How long will 8 workers take to finish the same job (assuming equal efficiency)?
3. 4 machines can pack 800 boxes in a day. How many boxes can 7 machines pack in a day?
4. 10 workers can assemble 1,000 toys in 5 days. How many toys can 15 workers assemble in the same time?
5. 5 identical factories produce 2,000 shirts per week. How many shirts will 8 factories produce in a week?
6. 9 workers can complete 45 tables in 3 days. How many tables can 6 workers make in 3 days?
7. 4 machines fill 600 bottles in 2 hours. How many bottles will 10 machines fill in 2 hours?
8. If 15 workers earn \$3,000 in a week, how much will 10 workers earn in the same time?
9. 8 machines require 40 liters of oil. How many liters will 12 machines require?
10. 5 workers can produce 250 shoes in 10 days. How many shoes will 8 workers produce in 10 days?