## Multiplication and division word problems

## Grade 4 Word Problems Worksheet

In a car factory, there are 8 assembly lines. Each assembly lines manufactures cars at the same speed.

1. There are 2 supervisors and 12 workers working on each assembly line. How many workers are there in total?
2. If the factory produces 48 cars in a day, how many cars does each assembly line make each day?
3. If all the assembly lines operate 12 hours a day, how long does it take for one assembly line to produce one car?

4. The factory pays each supervisor $\$ 30$ per hour and the workers $\$ 80$ per day. How much does each supervisor get paid each day?
5. What is the total daily salary of all the workers?
6. Write an equation using " $x$ " and then solve the equation.

The factory received an order of manufacturing x cars, and the order is done in 18 days.

## Answers

1. $12 \times 8=96$

There are 96 workers in total.
2. $48 \div 8=6$

Each assembly line can make 6 cars each day.
3. $12 \div 6=2$

It takes one assembly line 2 hours to produce one car.
4. $30 \times 12=360$

Each supervisor gets paid $\$ 360$ each day.
5. $80 \times 96=7,680$

The total daily salary of all the workers is $\$ 7,680$.
6. $x=18 \times 48$
$x=864$
The order was for 864 cars.

