## directly proportional

problem 1
A factory makes 5000 items in 6 hours. How many items could be made in 15 hours?

## problem 2

A small airplane travels 660 miles in 2 hours. At this speed, how far could the airplane travel in 3 hours?

## problem 3

You can buy 4 bananas at the supermarket $A$ for $\$ 1.08$. You can buy 5 of the same bananas at the supermarket B for $\$ 1.24$. Which place is the better buy?

## problem 4

You are paid \$ 24 an hour. How much you earn in 40 hours?

## problem 5

A factory makes 80000 items in 5 weeks. How many items could be made in 2 weeks?

## problem 6

A car travels 70 miles in 2 hours. How far would it travel in 5 hours?

## problem 7

You can buy 6 cakes at the supermarket $A$ for $\$ 12.40$. You can buy 5 of the same cakes at the supermarket B for $\$ 11.20$ Which place is the better buy?

## problem 8

You earn in 80 hours \$ 2 240,-.How much you are paid in 1 hour?
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