

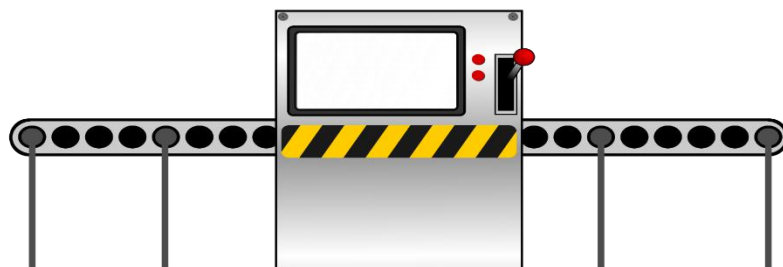
## Multiplication and division word problems

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### Grade 4 Word Problems Worksheet

A printing company has 6 printing machines.

1. Each printing machine costs \$4,500. How much did the company pay for the machines?
2. All 6 printing machines together can print 222 pages in a minute. How many pages can each machine print per hour?
3. If a new order involved printing 3,800 pages but one of the machines is out of order, how many pages does each working machine print for this order if they each print the same number of pages?



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4. There are 3 teams of maintenance staff. If each team take 8-hour shifts and has 4 members, how many maintenance staff are there?
  
  
  
  
  
  
  
  
  
  
  
  5. There are 5 salespersons and 22 clients. If each client only deals with one salesperson and the clients are divided as equally as possible among the salespersons, how many salespersons are responsible for 5 clients?
  
  
  
  
  
  
  
  
  
  
  
  6. Write an equation using "x" and then solve the equation.  
Three orders are to be done today. Each order involves printing x pages. As a result, there are total of 9900 pages to be printed today.

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## Answers

- $4,500 \times 6 = 27,000$   
The company paid \$27,000 for the machines.
- $222 \div 6 = 37$   
Each machine can print 37 pages per minute.  
 $37 \times 60 = 2,220$   
Each machine can print 2,220 pages per hour.
- $3,800 \div 5 = 760$   
Each machine will print 760 pages.
- $3 \times 4 = 12$   
There are 12 maintenance staff.
- $22 \div 5 = 4$  remainder 2  
2 salespersons are responsible for 5 clients.
- $3x = 9,900$   
 $x = 3,300$   
Each order has 3,300 pages.