

## Mixed word problems

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### Grade 4 Word Problems Worksheet

An aquarium opens at 10 a.m. and closes at 8 p.m.

1. How many hours are the aquarium open in a day?
  
  
  
  
  
  
  
  
  
  
2. On Saturday, 351 people are admitted to the aquarium. Over the weekend, there were total of 642 people admitted to the aquarium. Were there more people going to the aquarium on Saturday or on Sunday?
  
  
  
  
  
  
  
  
  
  
3. The admission price for an adult is \$5.50. The admission price for a child is \$3. How much is the total cost for a mother to bring her two children to the aquarium?



4. There are total of 32 staff members working in the aquarium  $\frac{5}{8}$  of the staff are security guards. How many security guards are there in the aquarium?
5. The security guards are equally divided into four teams to rotate with the shifts. How many guards are there in each team?

## Answers

1. The aquarium opens for 10 hours in a day.
2.  $642 - 351 = 291$   
On Sunday, there were 291 people admitted to the aquarium.  
There were more people going to the aquarium on Saturday.
3.  $\$5.50 + \$3.00 + \$3.00 = \$11.50$   
The total cost is \$11.50.
4.  $32 \times \frac{5}{8} = 20$   
There are 20 security guards working in the aquarium.
5.  $20 \div 4 = 5$   
There are 5 security guards in each team.