

## Lego Action Figures

A group of Maths teachers all brought their collection of Lego action figures into school and they're now all mixed up. Unfortunately they also can't remember which figures are theirs. They have agreed to share them using the following rules:

Teacher A will have all the factors of 36  
 Teacher B will have all the prime numbers  
 Teacher C will have all the multiples of 5

Teacher D will have all the square numbers  
 Teacher E will have all the factors of 50  
 Teacher F will have all the multiples of 3

**Are there any that need to be "shared" between two or more teachers?  
 Which teacher gets the most? Which the least? Are any action figures left over?**

