# Generated Math Questions

## Question 1

Each student at Lincoln High School wears a uniform consisting of 1 shirt and 1 pair of pants. The table shows the colors available for each item of clothing. How many different uniforms are possible?  
  
| Shirt Color | Pants Color |  
|-------------|-------------|  
| Blue | Navy |  
| Black | Black |  
| White | Khaki |  
| Yellow | |

A) 17

B) 16

C) 14

D) 18

E) 15

### Explanation:

There are 4 shirt options and 4 pants options, so there are 4 × 4 = 16 possible uniform combinations.

## Question 2

Each student at Lincoln High School wears a uniform consisting of 1 shirt and 1 pair of pants. The table shows the colors available for each item of clothing. How many different uniforms are possible?  
  
| Shirt Color | Pants Color |  
|-------------|-------------|  
| Blue | Navy |  
| Black | Khaki |  
| Red | Blue |

A) 7

B) 11

C) 9

D) 10

E) 8

### Explanation:

There are 3 shirt options and 3 pants options, so there are 3 × 3 = 9 possible uniform combinations.