

Multiplication Facts Strategy for Division

$$67 \text{ cars} \div 4 \text{ rows} = n$$

Think, "I need to divide 67 cars into 4 rows."

First, I can use my math facts to help me divide. I know that $10 \times 4 = 40$, so I know that there will be at least 10 cars in each row.

$$\textcircled{10} \times 4 = 40$$

I've placed 40 cars, now I need to place the others, so $67 \text{ cars} - 40 \text{ cars} = 27 \text{ cars}$ still need to be placed.

$$67 - 40 = 27$$

Now, I know that $6 \times 4 = 24$ and that is close to 27, so I'll placed another 6 cars in each row.

$$\textcircled{6} \times 4 = 24$$

I have now placed 24 more cars into rows, so $27 - 24 = 3$ cars left to place.

$$27 - 24 = 3$$

Since there are only 3 cars left, I can't place the same amount into each row, so there are 3 cars that will not go into rows (left over).

Now, I add my 10 cars that I placed in rows first and my 6 cars I placed second and get a total of 16 cars in each row. There will be 3 cars left over.

$$\text{So, } 67 \div 4 = 16 \text{ r}3$$