

Algebra: Think Addition to Subtract

There is an inverse relationship between addition and subtraction.

If a fact family, for example $3 + 7 = 10$. Then the following are also true:

- $10 - 3 = 7$
- $10 - 7 = 3$

Similar relationships exist for subtraction, for example $10 - 3 = 7$. Then the following are also true:

- $3 + 7 = 10$
- $7 + 3 = 10$

Examples:

Complete the addition fact to find the difference

1) Since $5 + 8 = 13$, then $13 - 5 = \underline{\hspace{2cm}}$
 $13 - 5 = 8$

2) Since $3 + 6 = 9$, then $9 - 6 = \underline{\hspace{2cm}}$
 $9 - 6 = 3$

3) Since $2 + 5 = 7$, then $7 - 5 = \underline{\hspace{2cm}}$
 $7 - 5 = 2$

My Real Life

A) Sami has 12 cars. He gives 7 cars to Tarek. How many does he have left?



$$12 - 7 = \underline{5} \text{ cars}$$

B) Hanif has 5 cars. Mazen gives him 7 more how many does he have now?



$$\underline{5} + \underline{7} = \underline{12} \text{ cars}$$