

Yellow

Can you complete these number sentences using number bonds to 10?



$$7 + 3 = 10$$

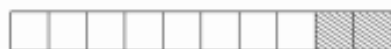
Can you write a matching number sentence below each stick?



$$\square + \square = 10$$



$$\square + \square = 10$$



$$\square + \square = 10$$



$$\square + \square = 10$$



$$\square + \square = 10$$



$$\square + \square = 10$$



$$\square + \square = 10$$



$$\square + \square = 10$$



$$\square + \square = 10$$

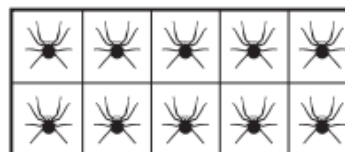


$$\square + \square = 10$$

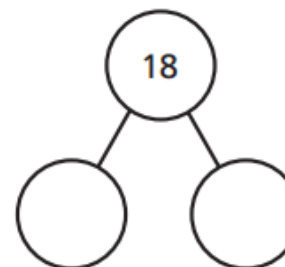
Green

Blue

Look at the picture.



Complete the part-whole model and fact family.



$$\square + \square = 18$$

$$\square + \square = 18$$

$$18 - \square = \square$$

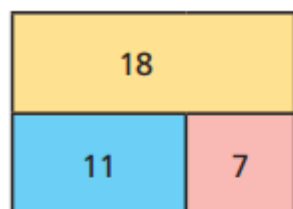
$$18 - \square = \square$$

Can you write each number sentence a different way?

White

2 Complete the fact family for each bar model.

a)



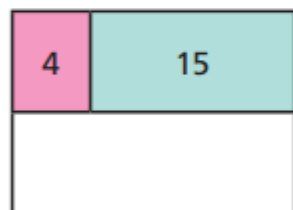
$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

b)



$$\square = \square + \square$$

$$\square = \square + \square$$

$$\square = \square - \square$$

$$\square = \square - \square$$

c) Draw your own bar models.

Ask a partner to write the fact family to match.

13, 5, 8

$5 + 8 = 13$

$8 + 5 = 13$

$13 - 8 = 5$

$13 - 5 = 8$

I can write
2 addition (+) and
2 subtraction (-)
calculations for any set
of 3 numbers.



Is this always, sometimes
or never true?

Prove it using these
sets of numbers:

17, 5, 12

18, 9, 9

11, 4, 7

15, 5, 6