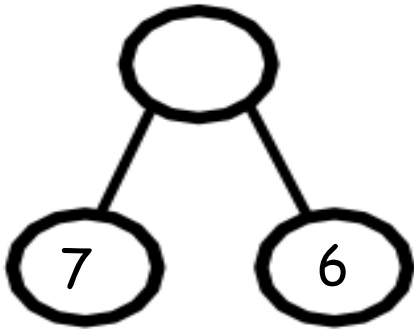
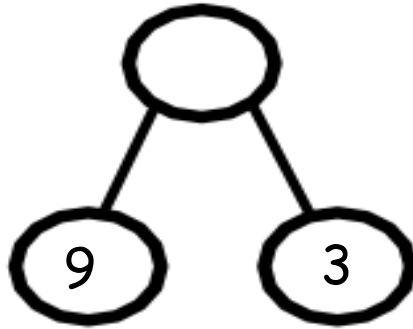


## Addition and Subtraction to 20

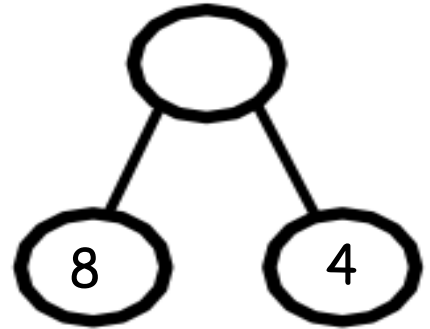
Complete each of these part part whole models and write the addition sentence you are doing underneath each one.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$12 + 6 = \underline{\quad}$

$11 + 7 = \underline{\quad}$

$9 + 8 = \underline{\quad}$

$10 + 10 = \underline{\quad}$

$18 + 2 = \underline{\quad}$

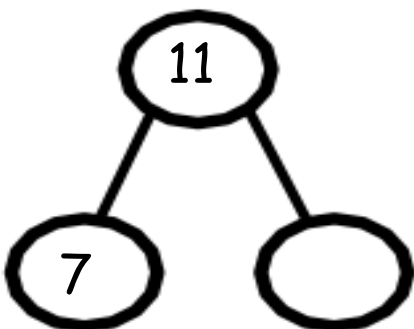
$12 + 8 = \underline{\quad}$

$13 + 7 = \underline{\quad}$

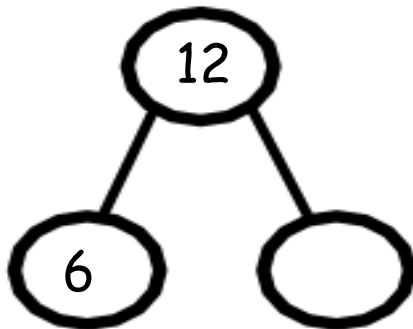
$8 + 8 = \underline{\quad}$

$15 + 4 = \underline{\quad}$

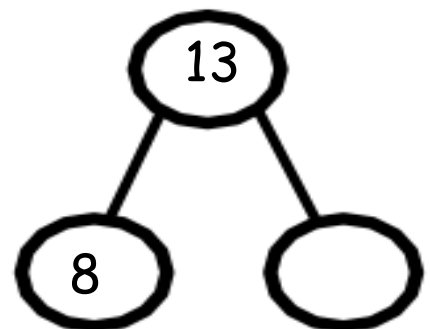
Complete each of these part part whole models and write the subtraction sentence you are doing underneath each one.



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$13 - 6 = \underline{\quad}$

$11 - 8 = \underline{\quad}$

$8 - 8 = \underline{\quad}$

$20 - 10 = \underline{\quad}$

$18 - 9 = \underline{\quad}$

$12 - 8 = \underline{\quad}$

$14 - 7 = \underline{\quad}$

$20 - 8 = \underline{\quad}$

$15 - 12 = \underline{\quad}$

## Addition and Subtraction to 20

Tick all the calculations that make 13.

$9 + 4$

$7 + 7$

$3 + 10$

$6 + 7$

$8 + 3$

$5 + 7$

Solve these missing number problems.

$\underline{\quad} + 9 = 16$

$12 + \underline{\quad} = 19$

$8 + \underline{\quad} = 13$

$20 - \underline{\quad} = 6$

$16 - \underline{\quad} = 9$

$11 - \underline{\quad} = 5$

Solve these addition and subtraction word problems. Draw them out if you need to.

1. A herd of 11 elephants joins up with another herd of 5 elephants. How many elephants are there now?
2. There are 17 zebras in the desert. 9 of them walk off to find water. How many are left?
3. 13 birds are sitting in a tree. 5 more fly down to join them. How many are there now?
4. 20 wildebeest are eating grass. A lion scares 12 of them away. How many wildebeest are left?

Can you write your own addition and subtraction problem?