# Mixed addition / subtraction (within 20)
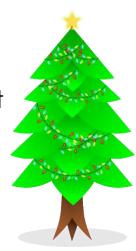
It is almost Christmas. Emma and Jack are decorating the Christmas tree.

1.  Their plastic Christmas tree comes in 3 parts. The bottom part has 8 branches. The middle part has 6 branches, and the top part has 4 branches. How many branches are there in total?

2.  They have 9 strings of silver tinsel and 6 strings of gold tinsel. But 2 strings of silver tinsel are broken. How many good strings of tinsel are there in total?

3.  Last week, they bought two boxes of ornaments. Each box has 4 red balls. Together with the 9 red balls they bought last year, how many red balls are there?

4.  A string of lights has 16 light bulbs but 8 of them are broken. Jack only has 4 replacement bulbs. How many light bulbs are working?

5.  In a box of candy canes, there are 18 candy canes. Emma and Jack plan to eat 5 candy canes, give 6 candy canes to their friends and hang the rest on the tree. How many candy canes will be on the tree?

6.  Write the number sentence that fits this: "Jack made 5 ornaments to hang on the tree and Emma made 9 ornaments to hang on the tree. Emma made 4 more ornaments than Jack."

## Answers

1.  8 + 6 + 4 = 18
    There are 18 branches in total.

2.  9 + 6 – 2 = 13
    There were 13 good strings of tinsel in total.

3.  4 + 4 + 9 = 17
    There are 17 red balls.

4.  16 – 8 + 4 = 12
    12 light bulbs are working.

5.  18 – 5 – 6 = 7
    7 candy canes will be on the tree.

6.  9 – 5 = 4