Developing a number system using addition

You have the numbers 1,2,3,7 and 12. You can use them once only, and can only add.

* + 1. What does 1 + 2 =
    2. Can you make 20?
    3. What about 15?
    4. What is the highest number you can make? (How do you know?)
    5. What is the lowest number you can make? (how do you know?)
    6. Try to make all the totals between the highest and the lowest. Are there any gaps?

Extension: Find 5 numbers, so that you can make a higher total than 25 and all the other numbers from 1 upwards. Which set of 5 numbers gives the highest possible total? Why?