

Using Assorted Practical Materials to learn number bonds

Remember: Number bonds are just a pair of numbers that can be added together to make another number.

Through your choice of material, continue to create number bonds (to 10 or 20) by making two sets of items (e.g. 5 + 8) then combine them to form one complete answer (e.g. 13)

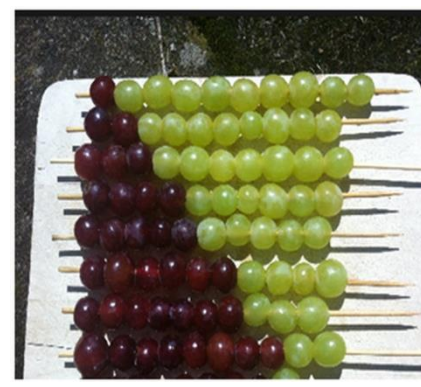
Challenge 1: Extend your knowledge of number bonds to 20 (remember each number bond family has one more pair than the number itself, e.g. there are 16 pairs for number 15).

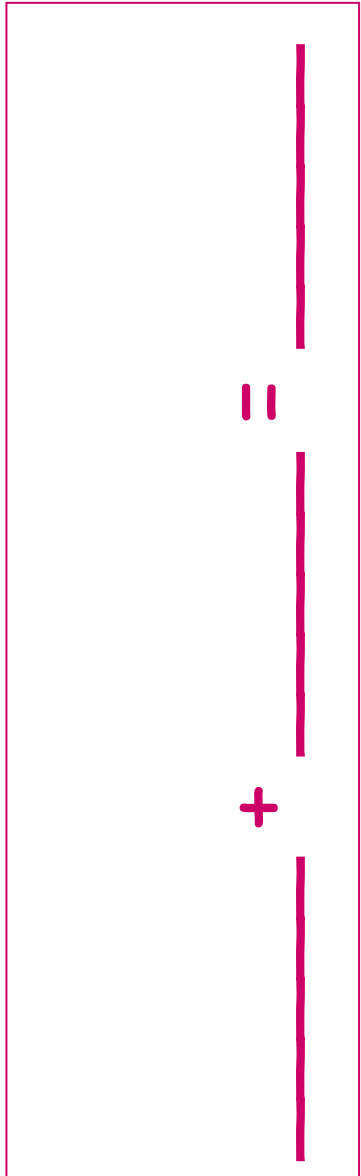
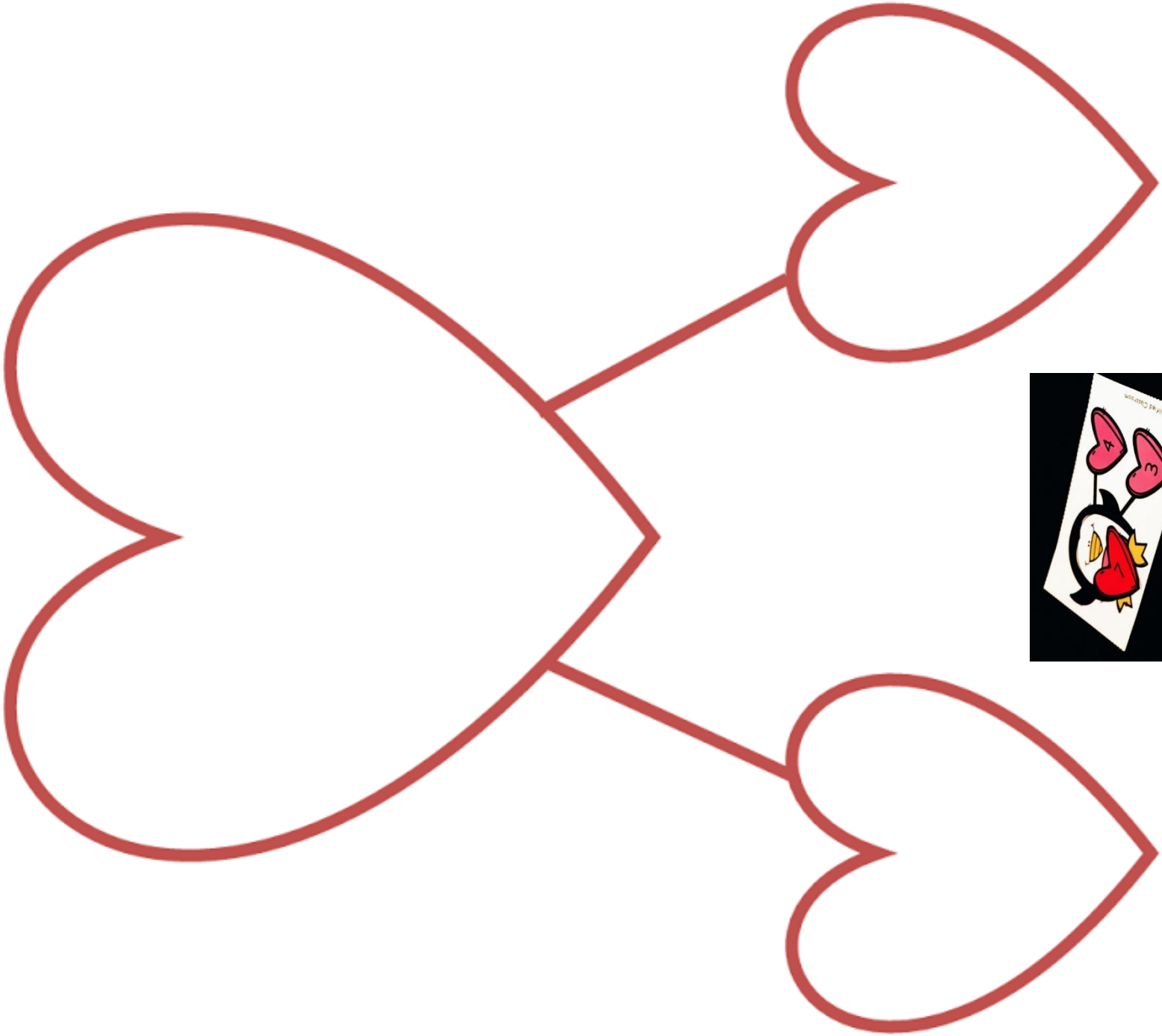
Challenge 2: Try to find and show all the different ways to make each number then arrange them in order, e.g. $7 = 0 + 7, 1 + 6, 2 + 5, 3 + 4, 4 + 3, 5 + 2, 6 + 1, 7 + 0$.

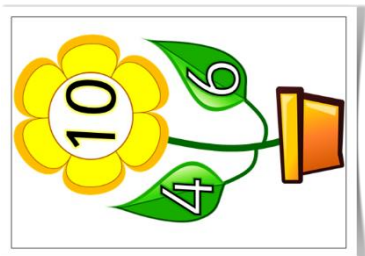
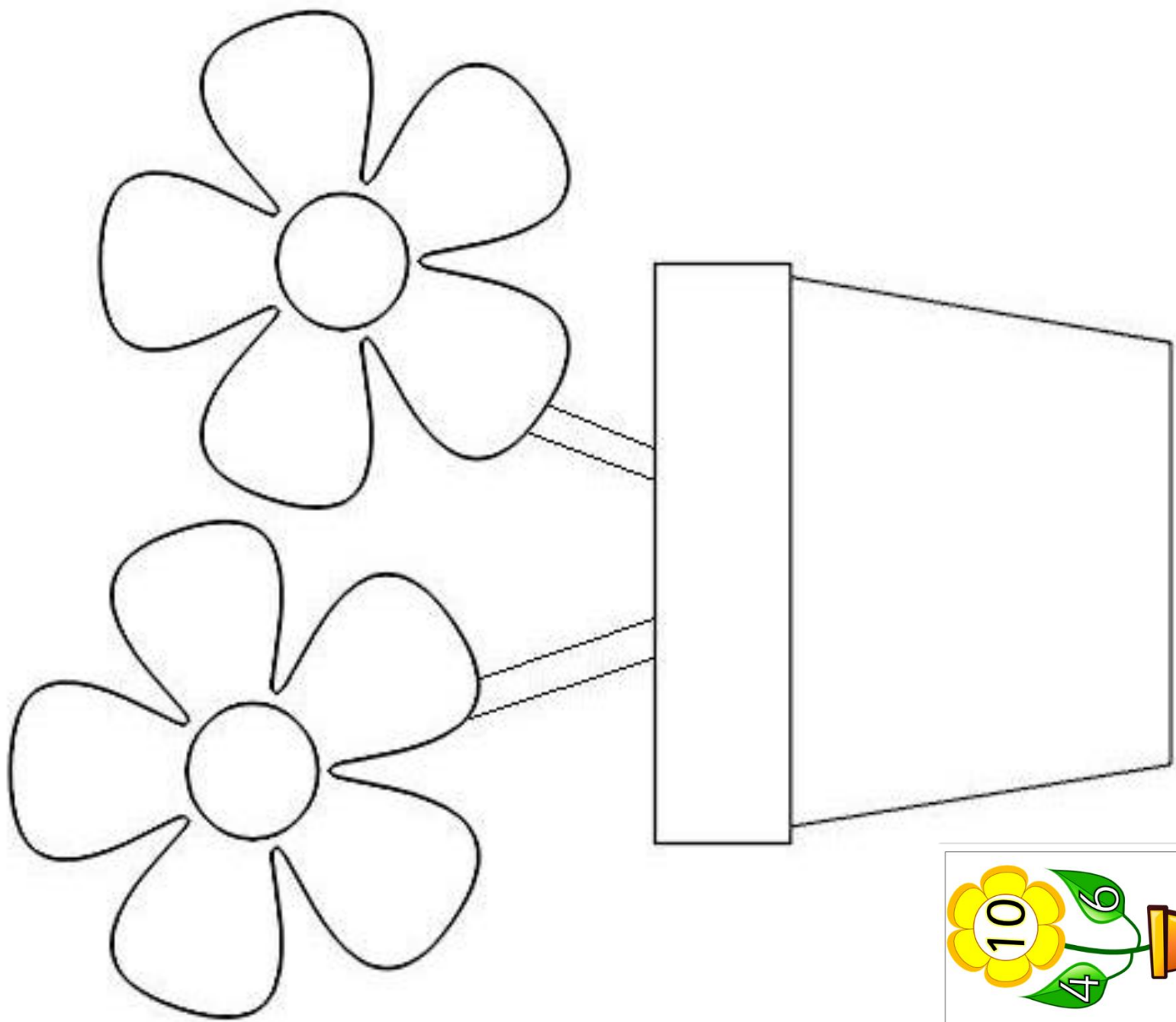
Challenge 3: Use this knowledge to apply to multiples of 10, e.g. $70 = 0 + 70, 10 + 60, 20 + 50, 30 + 40, 40 + 30, 50 + 20, 60 + 10, 70 + 0$.



This is about personalisation and choice - doing it your way! So, choose something you love (e.g. dinosaurs, flowers, sweets) and sort them into number bond sets using bowls, paper, hangers, sticks, eggboxes or even one of the sheets below (which you may want to laminate or place in a polypocket if you want to be able to use a whiteboard pen to write on and erase your answers). You can work and choose items from inside or out.







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